VERTEX

nAPP2515532575

Release Assessment and Closure

Stark 5 Federal Com #701H

Unit A, Section 05, Township 26 South, Range 30 East

API: 30-015-48307

County: Eddy

Vertex File Number: 25A-01241

Prepared for:
EOG Resources Inc.

Prepared by:
Vertex Resource Services Inc.

Date:
January 2026

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Release Assessment and Closure
Stark 5 Federal Com #701H
Unit A, Section 05, Township 26 South, Range 30 East
API: 30-015-48307
County: Eddy

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1.0 Introduction

EOG Resources Inc. (EOG) retained Vertex Resource Services Inc. (Vertex) to conduct a Release Assessment and Closure for a produced water release that occurred on March 15, 2025, at Stark 5 Federal Com #701H, API 30-015-48307 (hereafter referred to as the "site"). EOG submitted an initial C-141 Release Notification to New Mexico Oil Conservation Division (NMOCD) on June 4, 2025. Incident ID number nAPP2515532575 was assigned to this incident.

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 closure of this remediation, with the understanding that remediation and restoration of the release site will not be completed until all oil and gas activities are terminated and the pad is ready to be reclaimed, as per NMAC 19.15.29.13.

2.0 Incident Description

The release occurred on March 15, 2025, due to high winds causing damage to the liner of the aboveground storage tank (AST). The incident was reported on June 4, 2025, when the determination was made that it involved the release of approximately 100 barrels of produced water onto the pad. No free fluid was recovered at the time of release.

3.0 Site Characteristics

The site is located approximately 44 miles south of Carlsbad, New Mexico. The legal location for the site is Unit A, Section 05, Township 26 South and Range 30 East in Eddy County, New Mexico. The release area is located on Bureau of Land Management property. An aerial photograph and site schematic are presented in 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 on or in proximity to the constructed pad (Figure 1).

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2025) indicates the site's surface geology primarily comprises Qep – eolian and piedmont deposits (Holocene to middle Pleistocene), and the soil at the site is characterized as gravelly loam (United States Department of Agriculture, Natural Resources Conservation Service, 2025). Additional soil characteristics include a drainage class of well drained with a runoff class of high. 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 ridges and fans with elevations ranging between 2,000 and 5,700 feet. The climate is semiarid with average annual precipitation ranging between 6 and 14 inches. Using information from the United States Department of Agriculture, the dominant vegetation was determined to be black grama and sideoats. Shrubs and half-shrubs dominate the historic plant community (United States Department of Agriculture, Natural

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Resources Conservation Service, 2025). 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 active well to the site is a New Mexico Office of the State Engineer (NMOSE) monitoring well located approximately 0.84 miles south of the site (United States Geological Survey, 2025). Data from 2011 show the NMOSE borehole recorded a depth to groundwater of 200 feet below ground surface (bgs). Information pertaining to the depth to ground water determination is included in Appendix A.

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 0.26 miles south of the site (United States Fish and Wildlife Service, 2025).

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.

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Table 1. Closure Criteria Determination			
Site Name: Stark 5 Federal Com #701H			
Spill Coordinates: 32.0777943, -103.8962151		**X: 604173.10**	**Y: UTM 3549591.56**
Site Specific Conditions		**Value**	**Unit**
1	Depth to Groundwater (nearest reference)	**200**	feet
	Distance between release and nearest DTGW reference	**4,434**	feet
		0.84	miles
	Date of nearest DTGW reference measurement	**July 11, 2011**	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	1,378	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	37,478	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	65,313	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**	1,378	feet
	ii) Within 1000 feet of any fresh water well or spring	1,378	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	feet
7	Within 300 feet of a wetland	12,630	feet
8	Within the area overlying a subsurface mine	No	feet
	Distance between release and nearest registered mine	100,897	feet
9	Within an unstable area (Karst Map)	Medium	Critical High Medium Low
	Distance between release and nearest unstable area	**0**	feet
10	Within a 100-year Floodplain	500	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	4,646	feet
11	Soil Type	Upton-Simona complex	
12	Ecological Classification	Shallow	
13	Geology	Qep	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	<50'	<50' 51-100' >100'

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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 DTGW ≤ 50 feet bgs

Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
≤ 50 feet	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 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
DTGW – depth to groundwater
bgs – below ground surface

5.0 Remedial Actions Taken

An initial site inspection of the release area was completed on March 19, 2025, which identified the area of the release specified in the initial C-141 Report, estimated the approximate volume of the release and marked it with GPS. The impacted area was determined to be approximately 57,560 square feet.

Remediation activities started on August 29, 2025, beginning on the east side of the AST. Due to a hydraulic fracturing drilling operation on an adjacent pad, the tank and related water transfer equipment remained on site for the use of water transfer and storage. With the tank still in use and equipment interfering with excavation locations, remediation efforts were halted on September 11, 2025. The original remediation closure due date of October 13, 2025, was no longer achievable, and an extension was requested on October 10, 2025, for a new NMOCD approved due date of January 13, 2026. Remedial activities resumed on October 15, 2025, and were completed on January 6, 2026. The AST and all related equipment were removed where remediation of the entire release footprint was completed between this time.

Vertex personnel supervised the excavation of all impacted soils. Field screening was completed on a total of 420 sample points and consisted of analysis using a Photo Ionization Detector (volatile hydrocarbons), Dexsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and Silver Nitrate titration method (chloride). Field screening results were used to identify areas requiring further remediation. Soils were removed to depths ranging from 1 foot to 6.5 feet bgs. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. The Daily Field Reports documenting the final excavations before backfill are presented in Appendix B.

Notifications that confirmatory samples were being collected were provided 48 hours prior to each sampling event. Confirmatory composite samples were collected from the base and walls of the excavation in 200 square foot increments. Upon completion of remedial activities, approximately 64,237 square feet and 9,435 cubic yards were

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remediated to closure criteria. A total of 489 samples, including two backfill samples, were collected for laboratory analysis following NMOCD soil sampling procedures. Samples were submitted to Eurofins Environmental Testing Laboratory in Albuquerque, New Mexico, and Cardinal Laboratories in Hobbs, 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 3, and the laboratory data reports are included in Appendix C. All confirmatory samples collected and analyzed were below closure criteria for the site.

During the excavation process, sample points WS25-23, WS25-26, and WS25-27 initially existed as distinct sampling locations along the inner walls. As excavation of those points advanced, they were eventually pushed into the sampling locations around them. Thus, all material from the walls of WS25-23, WS25-26, and WS25-27 were completely removed. The locations of those samples are presented throughout the multiple schematics of Figure 1.

6.0 Closure Request

The release area was fully delineated and remediated by January 6, 2026. Confirmatory samples were analyzed by the laboratory and found to be below allowable concentrations as per the NMAC Closure Criteria for Soils Impacted by a Release locations “under 50 feet to groundwater”. Based on these findings, EOG requests that this remediation closure be approved.

Should you have any questions or concerns, please do not hesitate to contact Chance Dixon at 575.988.1472 or cdixon@vertexresource.com

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7.0 References

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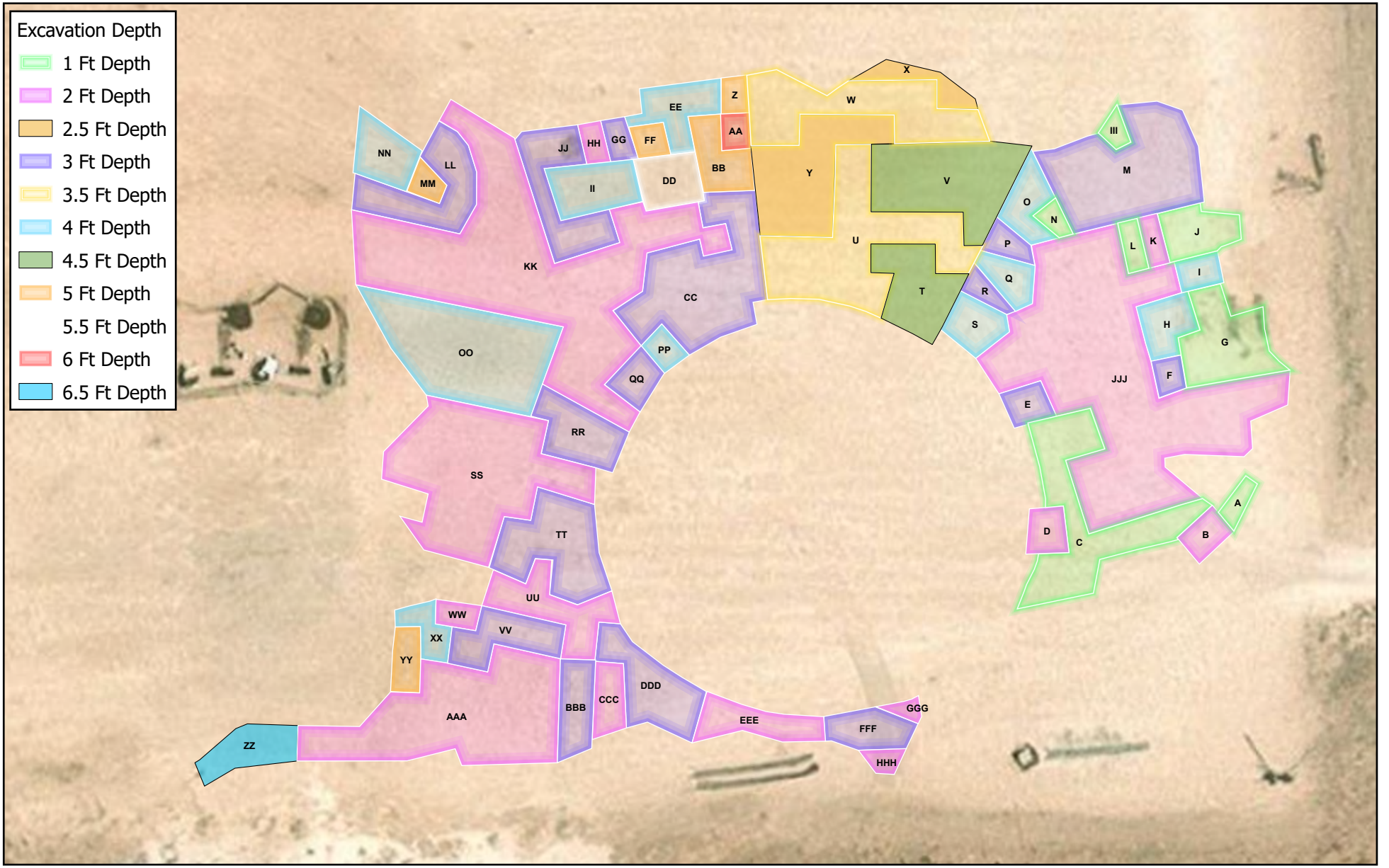
8.0 Limitations

This report has been prepared for the sole benefit of EOG Resources Inc. 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 EOG Resources Inc. 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.

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FIGURES



VERTEX

0 30 60 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.077623°N, 103.896406°W

Date: Jan 07/26

N

Excavation Depth Schematic
Stark 5 Federal Com #701H

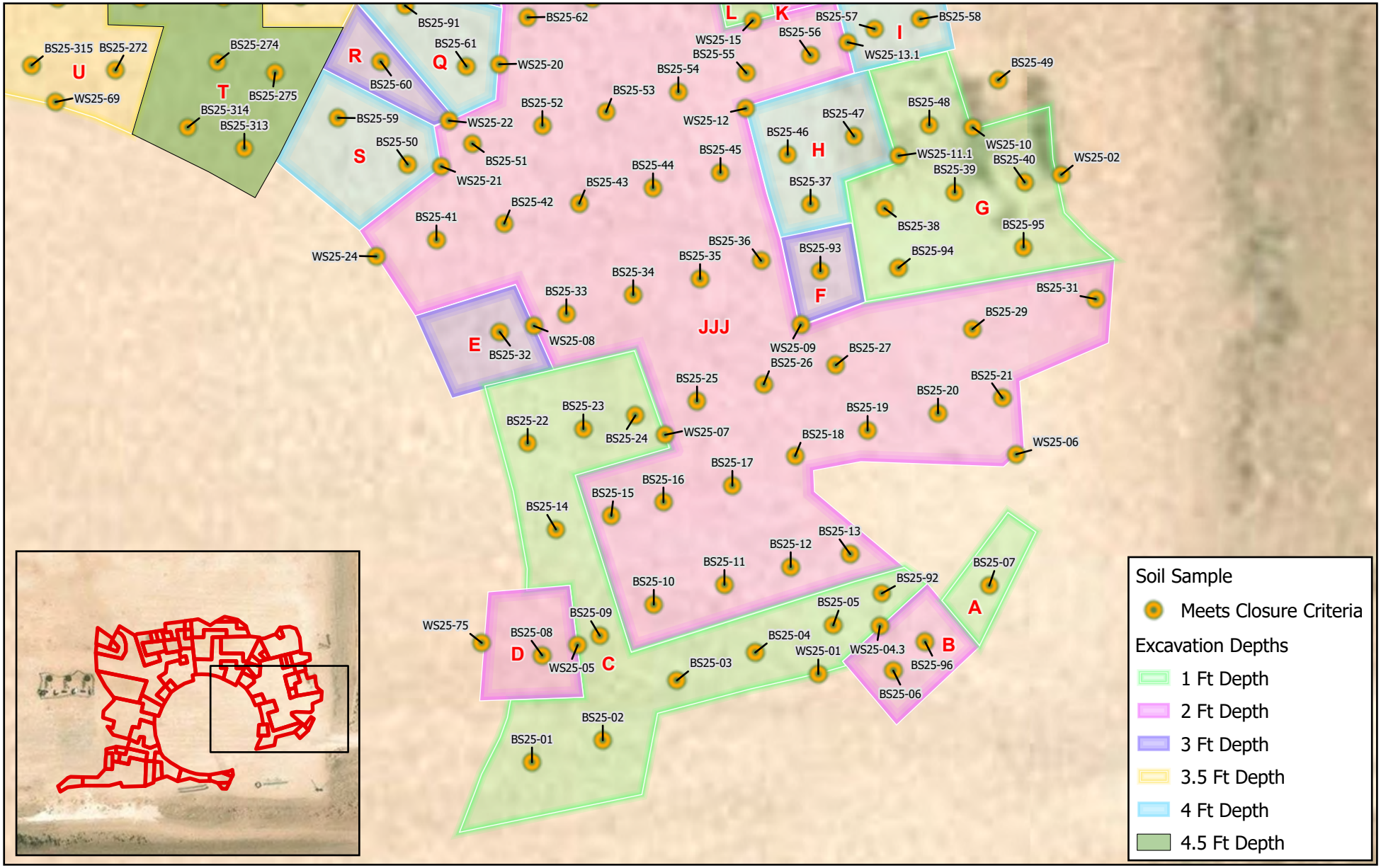
FIGURE:
2

eog resources

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.



VERTEX

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.077611°N, 103.895828°W

Date: Jan 07/26

N

Confirmation Sample Schematic East
Stark 5 Federal Com #701H

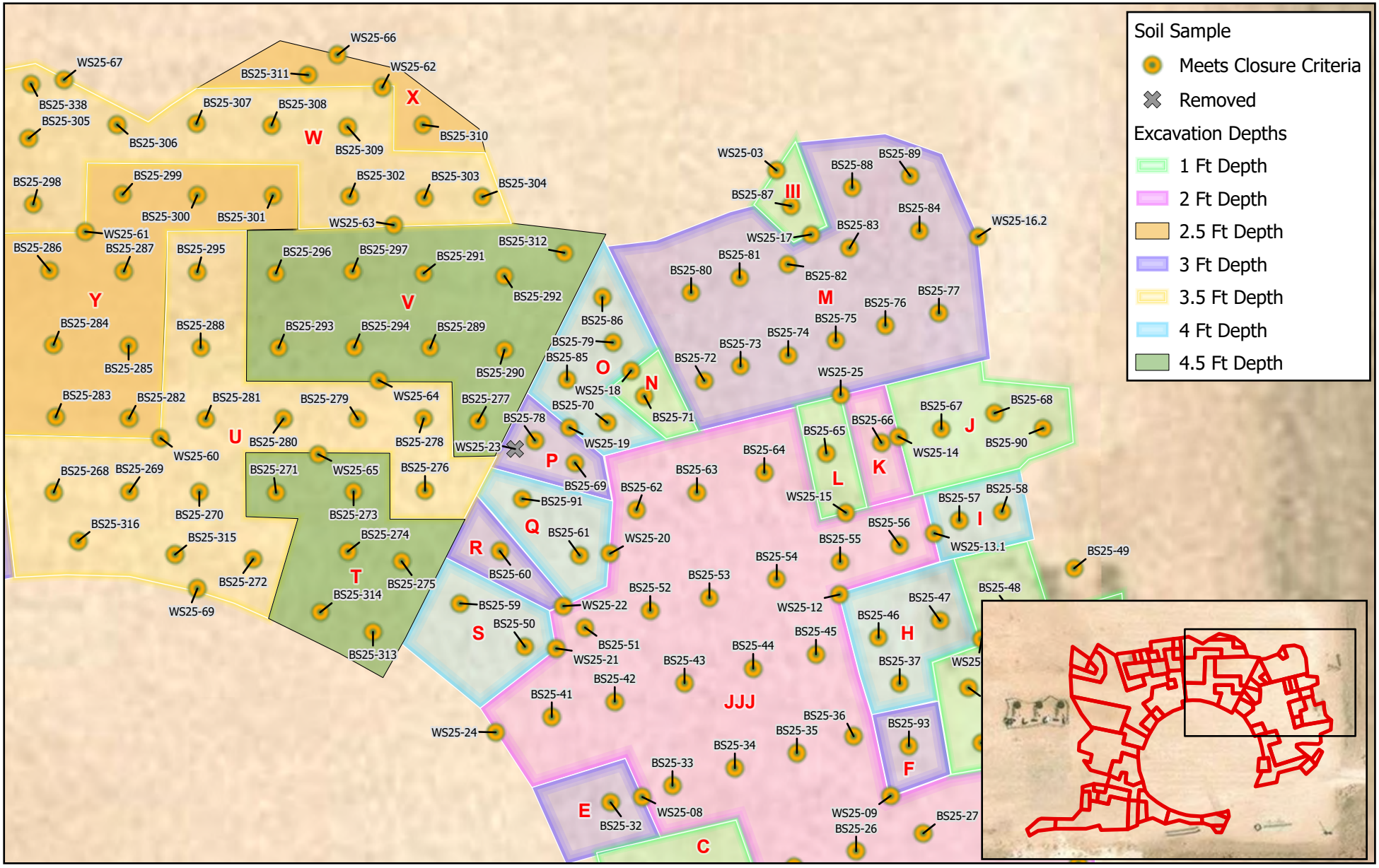
FIGURE:
2a

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.



VERTEX

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.077853°N, 103.895887°W

Date: Jan 08/26

N

Confirmation Sample Schematic Northeast
Stark 5 Federal Com #701H

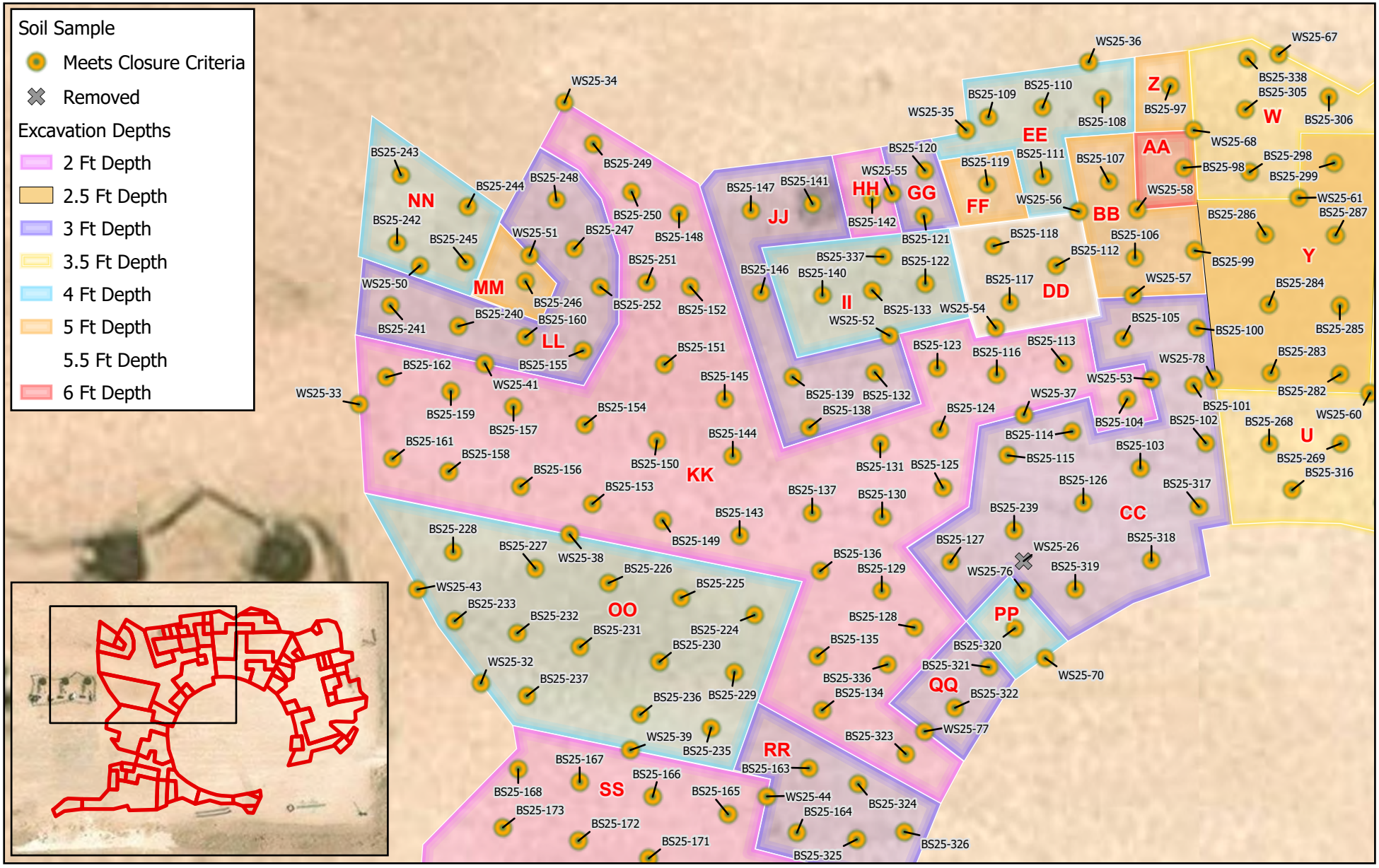
FIGURE:
2b

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

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Map Center:
Lat/Long: 32.077831°N, 103.896651°W

Date: Jan 08/26

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

N

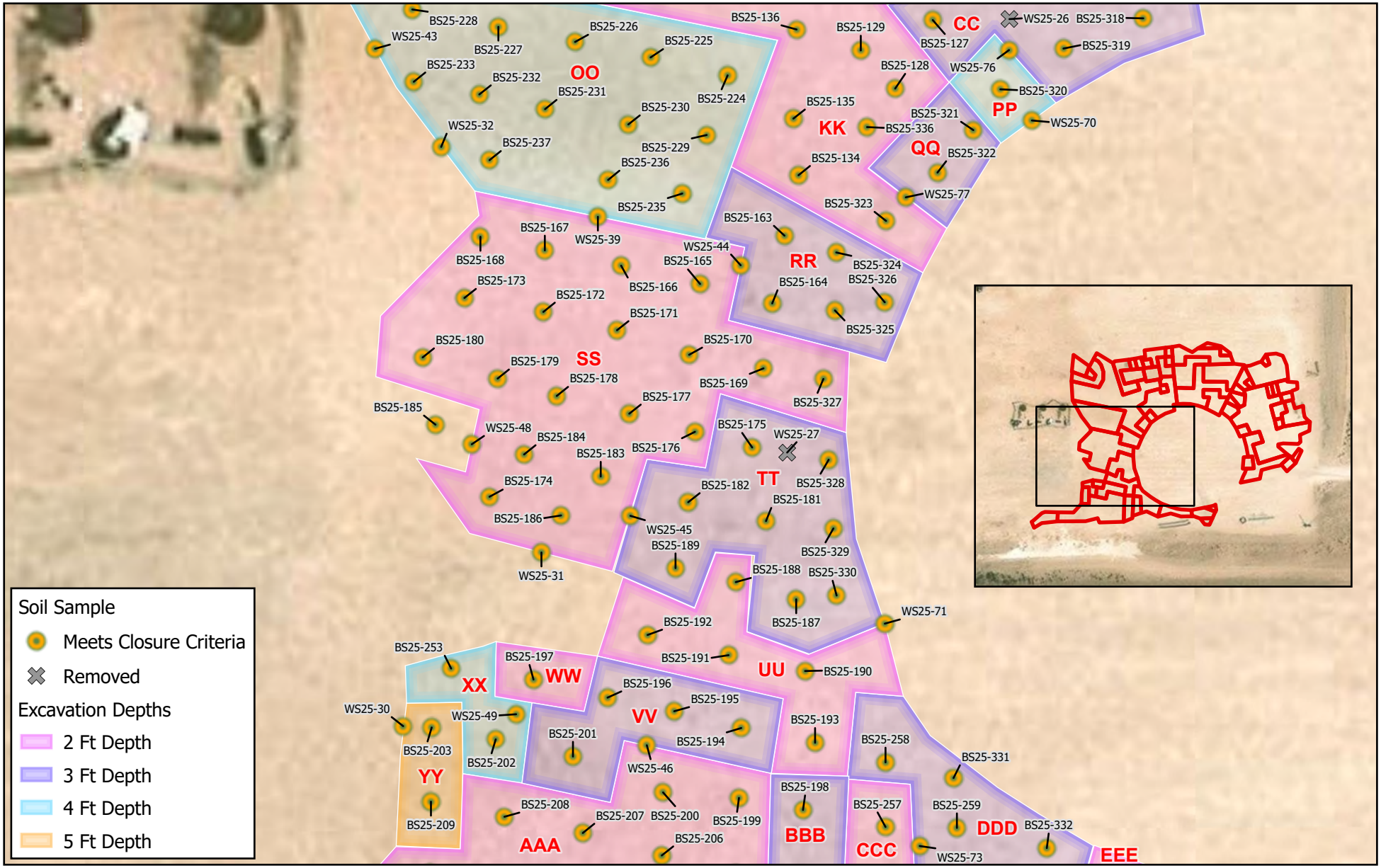
Confirmation Sample Schematic Northwest
Stark 5 Federal Com #701H

FIGURE: **2c**

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

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VERTEX

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.077541°N, 103.896634°W

Date: Jan 08/26

N

Confirmation Schematic West
Stark 5 Federal Com #701H

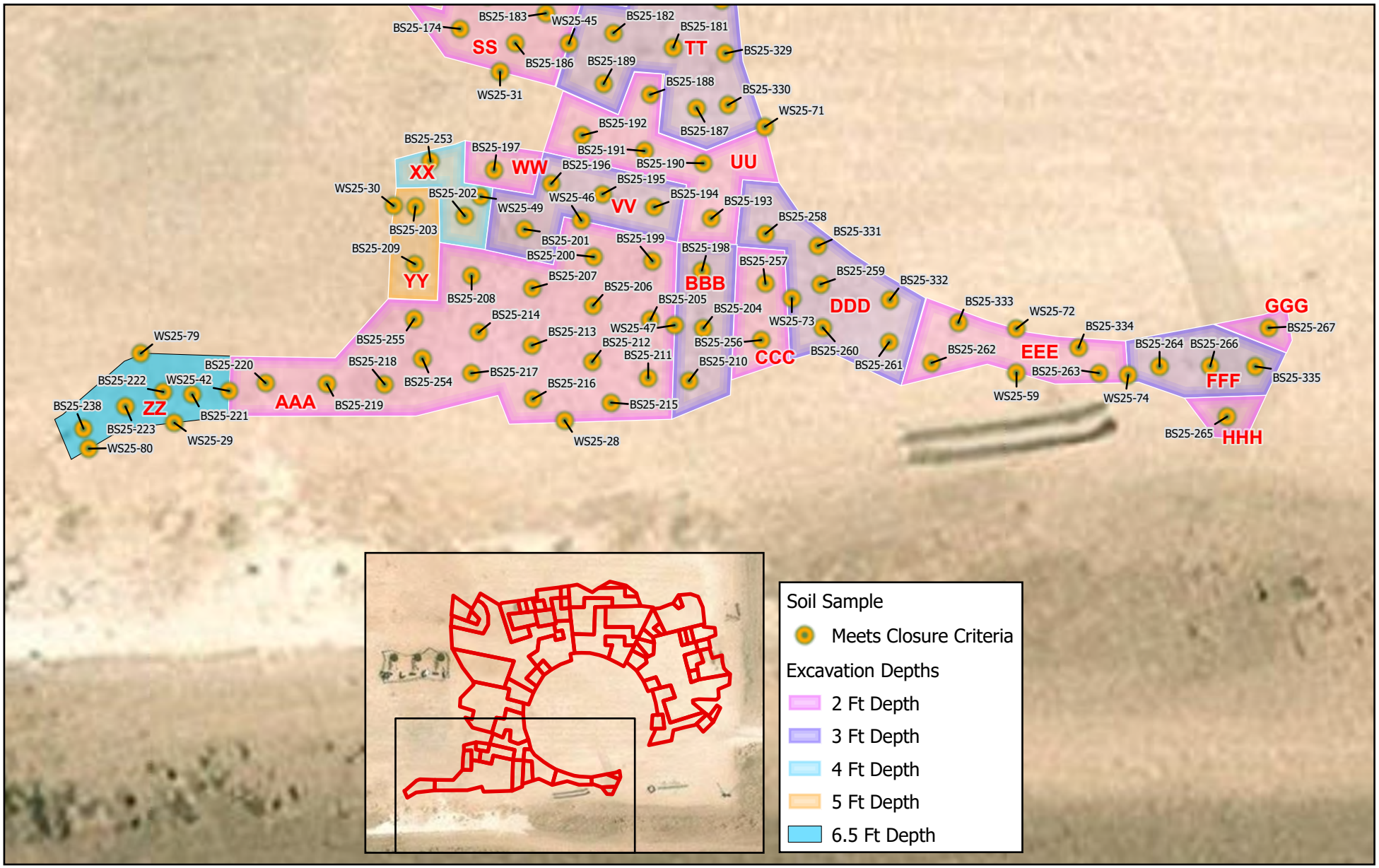
FIGURE:
2d

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.



VERTEX

Map Center:
Lat/Long: 32.077231°N, 103.896576°W

0 20 40 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Date: Jan 08/26

N

Confirmation Sample Schematic Southwest
Stark 5 Federal Com #701H

FIGURE:
2e

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

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Excavation Extent ID	Depth	Area (Sq Ft)	Perimeter (Ft)
A	1 Ft Depth	164	58
AA	6 Ft Depth	190	55
AAA	2 Ft Depth	3586	317
B	2 Ft Depth	295	70
BB	5 Ft Depth	590	114
BBB	3 Ft Depth	595	112
C	1 Ft Depth	2086	356
CC	3 Ft Depth	2494	277
CCC	2 Ft Depth	397	88
D	2 Ft Depth	319	72
DD	5.5 Ft Depth	560	95
DDD	3 Ft Depth	1109	165
E	3 Ft Depth	297	69
EE	4 Ft Depth	695	141
EEE	2 Ft Depth	685	142
F	3 Ft Depth	186	55
FF	5 Ft Depth	199	57
FFF	3 Ft Depth	549	99
G	1 Ft Depth	1187	166
GG	3 Ft Depth	200	59
GGG	2 Ft Depth	106	50
H	4 Ft Depth	497	94
HH	2 Ft Depth	176	55
HHH	2 Ft Depth	146	52
I	4 Ft Depth	252	64
II	4 Ft Depth	755	115
III (NE border)	1 Ft Depth	131	49
J	1 Ft Depth	594	103
JJ	3 Ft Depth	1105	206
JJJ (East central)	2 Ft Depth	7281	564
K	2 Ft Depth	194	61
KK	2 Ft Depth	6927	652
L	1 Ft Depth	189	61
LL	3 Ft Depth	1162	199
M	3 Ft Depth	2526	228
MM	5 Ft Depth	176	55
N	1 Ft Depth	137	50
NN	4 Ft Depth	622	103
O	4 Ft Depth	527	114
OO	4 Ft Depth	2739	230
P	3 Ft Depth	236	67
PP	4 Ft Depth	212	59
Q	4 Ft Depth	381	81
QQ	3 Ft Depth	353	76
R	3 Ft Depth	196	66
RR	3 Ft Depth	845	128
S	4 Ft Depth	478	85
SS	2 Ft Depth	3653	312
T	4.5 Ft Depth	1052	154
TT	3 Ft Depth	1510	190
U	3.5 Ft Depth	2732	361
UU	2 Ft Depth	994	197
V	4.5 Ft Depth	1952	205
VV	3 Ft Depth	793	146
W	3.5 Ft Depth	1916	285
WW	2 Ft Depth	196	58
X	2.5 Ft Depth	375	132
XX	4 Ft Depth	346	94
Y	2.5 Ft Depth	1794	219
YY	5 Ft Depth	329	78
Z	5 Ft Depth	179	54

ZZ	6.5 Ft Depth	656	116

TABLES

Client Name: EOG Resources, Inc.
Site Name: Stark 5 Federal Com #701H
NMOCD Tracking #: nAPP2515532575
Project #: 25A-01241
Lab Reports: H255383, H255484, H255694, H255735, H256597, H256764, H256848, H256910, J37193-1, H257213, H257214, H257373, J37122-1, J38968-1, J38969-1, H257837, H257911, H257929, H260062

Table 3. Confirmatory Sample Laboratory Results

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	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)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs										
BS25-01	1	August 29, 2025	-	-	170	ND	ND	ND	ND	ND	ND	ND	64
BS25-02	1	August 29, 2025	-	-	175	ND	ND	ND	ND	ND	ND	ND	96
BS25-03	1	August 29, 2025	-	-	187	ND	ND	ND	ND	ND	ND	ND	128
BS25-04	1	August 29, 2025	-	-	465	ND	ND	ND	ND	ND	ND	ND	176
BS25-05	1	August 29, 2025	-	-	362	ND	ND	ND	ND	ND	ND	ND	128
BS25-06	1	August 29, 2025	-	-	557	ND	ND	ND	ND	ND	ND	ND	**704**
	2	September 9, 2025	-	-	595	ND	ND	ND	ND	ND	ND	ND	512
BS25-07	1	August 29, 2025	-	-	565	ND	ND	ND	ND	ND	ND	ND	192
BS25-08	1	August 29, 2025	-	-	270	ND	ND	ND	ND	ND	ND	ND	**736**
	2	September 9, 2025	-	-	150	ND	ND	ND	ND	ND	ND	ND	64
BS25-09	1	August 29, 2025	-	-	445	ND	ND	ND	ND	ND	ND	ND	112
BS25-10	1	August 29, 2025	-	-	962	ND	ND	ND	ND	ND	ND	ND	**832**
	2	September 9, 2025	-	-	160	ND	ND	ND	ND	ND	ND	ND	32
BS25-11	2	September 9, 2025	-	-	-	ND	ND	ND	ND	ND	ND	ND	144
BS25-12	1	August 29, 2025	-	-	597	ND	ND	ND	ND	ND	ND	ND	**640**
	2	September 9, 2025	-	-	508	ND	ND	ND	ND	ND	ND	ND	400
BS25-13	2	September 9, 2025	-	-	543	ND	ND	ND	ND	ND	ND	ND	432
BS25-14	1	August 29, 2025	-	-	585	ND	ND	ND	ND	ND	ND	ND	496
BS25-15	1	August 29, 2025	-	-	778	ND	ND	ND	ND	ND	ND	ND	**1040**
	2	September 9, 2025	-	-	345	ND	ND	ND	ND	ND	ND	ND	224
BS25-16	2	September 9,2025	-	-	245	ND	ND	ND	ND	ND	ND	ND	96
BS25-17	2	September 9,2025	-	-	507	ND	ND	ND	ND	ND	ND	ND	176
BS25-18	1	August 29, 2025	-	-	2,478	ND	ND	ND	ND	ND	ND	ND	**1020**
	2	September 9, 2025	-	-	133	ND	ND	ND	ND	ND	ND	ND	64
BS25-19	2	September 9,2025	-	-	620	ND	ND	ND	ND	ND	ND	ND	256
BS25-20	2	September 9,2025	-	-	505	ND	ND	ND	ND	ND	ND	ND	288
BS25-21	2	September 9,2025	-	-	347	ND	ND	ND	ND	ND	ND	ND	64
BS25-22	1	August 29, 2025	-	-	242	ND	ND	ND	ND	ND	ND	ND	64
BS25-23	1	August 29, 2025	-	-	577	ND	ND	ND	ND	ND	ND	ND	352
BS25-24	1	August 29, 2025	-	-	125	ND	ND	ND	ND	ND	ND	ND	64
BS25-25	1	August 29, 2025	-	-	780	ND	ND	ND	ND	ND	ND	ND	**672**
	2	September 9, 2025	-	-	145	ND	ND	ND	ND	ND	ND	ND	48
BS25-26	1	August 29, 2025	-	-	934	ND	ND	ND	ND	ND	ND	ND	**848**
	2	September 9, 2025	-	-	168	ND	ND	ND	ND	ND	ND	ND	64
BS25-27	2	September 9,2025	-	-	420	ND	ND	ND	ND	ND	ND	ND	208
BS25-28	2	September 9,2025	-	-	400	ND	ND	ND	ND	ND	ND	ND	224
BS25-29	2	September 9,2025	-	-	642	ND	ND	ND	ND	ND	ND	ND	224
BS25-30	2	September 9,2025	-	-	615	ND	ND	ND	ND	ND	ND	ND	352
BS25-31	2	September 9,2025	-	-	695	ND	ND	ND	ND	ND	ND	ND	384
BS25-32	3	September 9,2025	-	-	520	ND	ND	ND	ND	ND	ND	ND	64
BS25-33	2	September 9,2025	-	-	470	ND	ND	ND	ND	ND	ND	ND	336
BS25-34	2	September 9,2025	-	-	372	ND	ND	ND	ND	ND	ND	ND	224
BS25-35	2	September 9,2025	-	-	355	ND	ND	ND	ND	ND	ND	ND	128
BS25-36	1	August 29, 2025	-	-	804	ND	ND	ND	ND	ND	ND	ND	**608**
	2	September 9, 2025	-	-	578	ND	ND	ND	ND	ND	ND	ND	480
BS25-37	1	August 29, 2025	-	-	685	ND	ND	ND	ND	ND	ND	ND	**880**
	4	September 9, 2025	-	-	143	ND	ND	ND	ND	ND	ND	ND	64
BS25-38	1	August 29, 2025	-	-	542	ND	ND	ND	ND	ND	ND	ND	448
BS25-39	1	August 29, 2025	-	-	315	ND	ND	ND	ND	ND	ND	ND	544
BS25-40	1	August 29, 2025	-	-	505	ND	ND	ND	ND	ND	ND	ND	320
BS25-41	2	September 9,2025	-	-	730	ND	ND	ND	ND	ND	ND	ND	416
BS25-42	2	September 9,2025	-	-	492	ND	ND	ND	ND	ND	ND	ND	304
BS25-43	2	September 9,2025	-	-	557	ND	ND	ND	ND	ND	ND	ND	304

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Table 3. Confirmatory Sample Laboratory Results

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	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)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs										
BS25-44	2	September 9,2025	-	-	742	ND	ND	ND	ND	ND	ND	ND	80
BS25-45	1	August 29, 2025	-	-	854	ND	ND	ND	ND	ND	ND	ND	**656**
	2	September 9, 2025	-	-	390	ND	ND	ND	ND	ND	ND	ND	240
BS25-46	4	September 9,2025	-	-	492	ND	ND	ND	ND	ND	ND	ND	368
BS25-47	4	September 9,2025	-	-	402	ND	ND	ND	ND	ND	ND	ND	256
BS25-48	1	August 29, 2025	-	-	561	ND	ND	ND	ND	ND	ND	ND	464
BS25-49	1	August 31, 2025	-	-	870	ND	ND	ND	35.9	37.5	35.9	73.4	**688**
	2	September 9, 2025	-	-	600	ND	ND	ND	ND	ND	ND	ND	464
BS25-50	4	September 9,2025	-	-	321	ND	ND	ND	ND	ND	ND	ND	480
BS25-51	1	August 31, 2025	-	-	882	ND	ND	ND	ND	ND	ND	ND	**656**
	2	September 9, 2025	-	-	320	ND	ND	ND	ND	ND	ND	ND	176
BS25-52	2	September 9,2025	-	-	570	ND	ND	ND	ND	ND	ND	ND	256
BS25-53	2	September 9,2025	-	-	183	ND	ND	ND	ND	ND	ND	ND	64
BS25-54	1	August 31, 2025	-	-	820	ND	ND	ND	ND	ND	ND	ND	**768**
	2	September 9, 2025	-	-	255	ND	ND	ND	ND	ND	ND	ND	96
BS25-55	2	September 9,2025	-	-	335	ND	ND	ND	ND	ND	ND	ND	128
BS25-56	2	September 9,2025	-	-	225	ND	ND	ND	ND	ND	ND	ND	160
BS25-57	4	September 9,2025	-	-	445	ND	ND	ND	ND	ND	ND	ND	400
BS25-58	4	September 9,2025	-	-	575	ND	ND	ND	ND	ND	ND	ND	448
BS25-59	4	September 9,2025	-	-	426	ND	ND	ND	ND	ND	ND	ND	176
BS25-60	3	September 9,2025	-	-	365	ND	ND	ND	ND	ND	ND	ND	144
BS25-61	4	September 9,2025	-	-	201	ND	ND	ND	ND	ND	ND	ND	16
BS25-62	2	September 9,2025	-	-	645	ND	ND	ND	ND	ND	ND	ND	176
BS25-63	2	September 9,2025	-	-	580	ND	ND	ND	ND	ND	ND	ND	352
BS25-64	2	September 9,2025	-	-	422	ND	ND	ND	ND	ND	ND	ND	144
BS25-65	1	August 31, 2025	-	-	655	ND	ND	ND	ND	ND	ND	ND	528
BS25-66	1	August 31, 2025	-	-	827	ND	ND	ND	ND	ND	ND	ND	**624**
	2	September 9, 2025	-	-	355	ND	ND	ND	ND	ND	ND	ND	176
BS25-67	1	August 31, 2025	-	-	552	ND	ND	ND	ND	ND	ND	ND	592
BS25-68	1	August 31, 2025	-	-	735	ND	ND	ND	ND	ND	ND	ND	560
BS25-69	3	September 9,2025	-	-	580	ND	ND	ND	ND	ND	ND	ND	96
BS25-70	4	September 9,2025	-	-	410	ND	ND	ND	ND	ND	ND	ND	176
BS25-71	1	August 31, 2025	-	-	540	ND	ND	ND	ND	ND	ND	ND	320
BS25-72	3	September 9,2025	-	-	275	ND	ND	ND	ND	ND	ND	ND	112
BS25-73	1	August 31, 2025	-	-	1,557	ND	ND	ND	ND	ND	ND	ND	**848**
	3	September 9,2025	-	-	300	ND	ND	ND	ND	ND	ND	ND	192
BS25-74	3	September 9,2025	-	-	255	ND	ND	ND	ND	ND	ND	ND	192
BS25-75	3	September 9,2025	-	-	472	ND	ND	ND	ND	ND	ND	ND	336
BS25-76	3	September 9,2025	-	-	517	ND	ND	ND	ND	ND	ND	ND	320
BS25-77	3	September 9,2025	-	-	232	ND	ND	ND	ND	ND	ND	ND	112
BS25-78	3	September 9,2025	-	-	460	ND	ND	ND	ND	ND	ND	ND	144
BS25-79	1	August 31, 2025	-	-	1,227	ND	ND	ND	ND	ND	ND	ND	**960**
	4	September 9, 2025	-	-	595	ND	ND	ND	ND	ND	ND	ND	432
BS25-80	3	September 9,2025	-	-	592	ND	ND	ND	ND	ND	ND	ND	480
BS25-81	3	September 9,2025	-	-	352	ND	ND	ND	ND	ND	ND	ND	144
BS25-82	3	September 9,2025	-	-	245	ND	ND	ND	ND	ND	ND	ND	208
BS25-83	1	August 31, 2025	-	-	1,587	ND	ND	ND	ND	ND	ND	ND	**1700**
	3	September 9, 2025	-	-	365	ND	ND	ND	ND	ND	ND	ND	192
BS25-84	3	September 9,2025	-	-	474	ND	ND	ND	ND	ND	ND	ND	272
BS25-85	3	September 9,2025	-	-	280	ND	ND	ND	ND	ND	ND	ND	176
BS25-86	1	August 31, 2025	-	-	1,057	ND	ND	ND	ND	ND	ND	ND	**784**
	4	September 9, 2025	-	-	375	ND	ND	ND	ND	ND	ND	ND	256
BS25-87	1	August 31, 2025	-	-	612	ND	ND	ND	ND	ND	ND	ND	432

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Table 3. Confirmatory Sample Laboratory Results

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	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)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs										
BS25-88	1	August 31, 2025	-	-	1,585	ND	ND	ND	ND	ND	ND	ND	**2110**
	3	September 9, 2025	-	-	323	ND	ND	ND	ND	ND	ND	ND	192
BS25-89	3	September 9,2025	-	-	289	ND	ND	ND	ND	ND	ND	ND	144
BS25-90	1	August 31, 2025	-	-	605	ND	ND	ND	ND	ND	ND	ND	496
BS25-91	4	September 9,2024	-	-	589	ND	ND	ND	ND	ND	ND	ND	432
BS25-92	1	September 9, 2025	-	-	590	ND	ND	ND	ND	ND	ND	ND	496
BS25-93	3	September 9, 2025	-	-	180	ND	ND	ND	ND	ND	ND	ND	48
BS25-94	1	September 9, 2025	-	-	430	ND	ND	ND	ND	ND	ND	ND	304
BS25-95	1	September 9, 2025	-	-	515	ND	ND	ND	ND	ND	ND	ND	464
BS25-96	2	September 11, 2025	-	-	285	ND	ND	ND	ND	ND	ND	ND	176
BS25-97	2	October 16, 2025	-	-	2,110	-	-	-	-	-	-	-	-
	5	October 31, 2025	-	-	617	ND	ND	ND	ND	ND	ND	ND	496
BS25-98	2	October 16, 2025	-	-	1,500	-	-	-	-	-	-	-	-
	5	October 31, 2025	-	-	882	ND	ND	ND	ND	ND	ND	ND	**704**
	6	November 13, 2025	-	-	600	ND	ND	ND	ND	ND	ND	ND	**720**
	6.25	November 20, 2025	-	-	160	ND	ND	ND	ND	ND	ND	ND	32
BS25-99	2	October 16, 2025	-	-	1,925	-	-	-	-	-	-	-	-
	5	October 31, 2025	-	-	480	ND	ND	ND	ND	ND	ND	ND	336
BS25-100	2	October 16, 2025	-	-	1,537	-	-	-	-	-	-	-	-
	3	October 29, 2025	-	3	330	ND	ND	ND	ND	ND	ND	ND	128
BS25-101	2	October 16, 2025	-	-	745	ND	ND	ND	ND	ND	ND	ND	**688**
	3	October 29, 2025	-	-	105	ND	ND	ND	ND	ND	ND	ND	176
BS25-102	3	November 25, 2025	-	-	238	ND	ND	ND	ND	ND	ND	ND	160
BS25-103	2	October 16, 2025	-	-	1,395	-	-	-	-	-	-	-	-
	3	October 29, 2025	-	-	271	ND	ND	ND	ND	ND	ND	ND	160
BS25-104	2	October 16, 2025	-	-	475	ND	ND	ND	ND	ND	ND	ND	320
BS25-105	2	October 16, 2025	-	-	2,000	-	-	-	-	-	-	-	-
	3	October 29, 2025	-	-	967	ND	ND	ND	ND	ND	ND	ND	**656**
	3.25	November 6, 2025	-	-	557	ND	ND	ND	ND	ND	ND	ND	420
BS25-106	2	October 16, 2025	-	-	2,792	-	-	-	-	-	-	-	-
	5	October 31, 2025	-	-	805	ND	ND	ND	ND	ND	ND	ND	544
BS25-107	2	October 16, 2025	-	-	1,210	-	-	-	-	-	-	-	-
	5	November 20, 2025	-	-	185	ND	ND	ND	ND	ND	ND	ND	64
BS25-108	2	October 16, 2025	-	-	1,110	-	-	-	-	-	-	-	-
	4	October 29, 2025	-	-	572	ND	ND	ND	ND	ND	ND	ND	**912**
	4.25	November 6, 2025	-	-	398	ND	ND	ND	ND	ND	ND	ND	330
BS25-109	2	October 16, 2025	-	-	1,675	-	-	-	-	-	-	-	-
	4	October 29, 2025	-	0	472	ND	ND	ND	ND	ND	ND	ND	384
BS25-110	2	October 16, 2025	-	-	1,277	-	-	-	-	-	-	-	-
	4	October 29, 2025	-	-	342	ND	ND	ND	ND	ND	ND	ND	240

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Table 3. Confirmatory Sample Laboratory Results

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	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)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs										
BS25-111	2	October 16, 2025	-	-	1,415	-	-	-	-	-	-	-	-
	4	October 29, 2025	-	-	995	ND	ND	ND	ND	ND	ND	ND	**816**
	4.25	November 6, 2025	-	-	433	ND	ND	ND	ND	ND	ND	ND	190
BS25-112	2	October 16, 2025	-	-	2,900	-	-	-	-	-	-	-	-
	5	October 31, 2025	-	-	882	ND	ND	ND	ND	ND	ND	ND	**720**
	5.5	November 13, 2025	-	-	650	ND	ND	ND	ND	ND	ND	ND	512
BS25-113	2	October 16, 2025	-	-	528	ND	ND	ND	ND	ND	ND	ND	512
BS25-114	2	October 16, 2025	-	-	1,335	-	-	-	-	-	-	-	-
	3	October 29, 2025	-	-	80	ND	ND	ND	ND	ND	ND	ND	32
BS25-115	2	October 16, 2025	-	-	1,225	-	-	-	-	-	-	-	-
	3	October 29, 2025	-	9	182	ND	ND	ND	ND	ND	ND	ND	224
BS25-116	2	October 16, 2025	-	-	500	ND	ND	ND	ND	ND	ND	ND	512
BS25-117	2	October 16, 2025	-	-	4,200	-	-	-	-	-	-	-	-
	5.5	October 31, 2025	-	-	637	ND	ND	ND	ND	ND	ND	ND	576
BS25-118	2	October 16, 2025	-	-	2,710	-	-	-	-	-	-	-	-
	5.5	October 31, 2025	-	-	675	ND	ND	ND	ND	ND	ND	ND	560
BS25-119	2	October 16, 2025	-	-	913	ND	ND	ND	ND	ND	ND	ND	**912**
	5	October 31, 2025	-	-	607	ND	ND	ND	ND	ND	ND	ND	432
BS25-120	2	October 16, 2025	-	-	985	ND	ND	ND	ND	ND	ND	ND	**672**
	3	October 29, 2025	-	-	972	ND	ND	ND	ND	ND	ND	ND	**720**
	3.25	November 6, 2025	-	-	353	ND	ND	ND	ND	ND	ND	ND	230
BS25-121	2	October 17, 2025	-	-	3,228	-	-	-	-	-	-	-	-
	3	October 29, 2025	-	25	997	ND	ND	ND	ND	ND	ND	ND	**656**
	3.25	November 6, 2025	-	-	523	ND	ND	ND	ND	ND	ND	ND	320
BS25-122	2	October 17, 2025	-	-	828	ND	ND	ND	ND	ND	ND	ND	**1960**
	4	October 29, 2025	-	-	267	ND	ND	ND	ND	ND	ND	ND	192
BS25-123	2	October 17, 2025	-	-	510	ND	ND	ND	ND	ND	ND	ND	304
BS25-124	2	October 17, 2025	-	-	450	ND	ND	ND	ND	ND	ND	ND	336
BS25-125	2	October 17, 2025	-	-	308	ND	ND	ND	ND	ND	ND	ND	144
BS25-126	2	October 17, 2025	-	-	665	ND	ND	ND	ND	ND	ND	ND	**608**
	3	October 29, 2025	-	-	359	ND	ND	ND	ND	ND	ND	ND	160
BS25-127	2	October 17, 2025	-	-	645	ND	ND	ND	ND	ND	ND	ND	**704**
	3	October 29, 2025	-	-	412	ND	ND	ND	ND	ND	ND	ND	192
BS25-128	2	October 17, 2025	-	-	618	ND	ND	ND	ND	ND	ND	ND	592
BS25-129	2	October 17, 2025	-	-	750	ND	ND	ND	ND	ND	ND	ND	464
BS25-130	2	October 17, 2025	-	-	312	ND	ND	ND	ND	ND	ND	ND	96
BS25-131	2	October 17, 2025	-	-	338	ND	ND	ND	ND	ND	ND	ND	160
BS25-132	2	October 17, 2025	-	-	1,000	ND	ND	ND	ND	ND	ND	ND	**720**
	3	November 4, 2025	-	-	453	ND	ND	ND	ND	ND	ND	ND	260
BS25-133	2	October 17, 2025	-	-	2,575	-	-	-	-	-	-	-	-
	4	October 31, 2025	-	-	122	ND	ND	ND	ND	ND	ND	ND	304
BS25-134	2	October 17, 2025	-	-	325	ND	ND	ND	ND	ND	ND	ND	432
BS25-135	2	October 17, 2025	-	-	778	ND	ND	ND	ND	ND	ND	ND	320
BS25-136	2	October 17, 2025	-	-	738	ND	ND	ND	ND	ND	ND	ND	464
BS25-137	2	October 24, 2025	-	-	230	ND	ND	ND	ND	ND	ND	ND	80
BS25-138	2	October 24, 2025	-	-	1,097	-	-	-	-	-	-	-	-
	3	October 29, 2025	-	-	195	ND	ND	ND	ND	ND	ND	ND	48
BS25-139	2	October 24, 2025	-	-	1,875	-	-	-	-	-	-	-	-
	3	October 29, 2025	-	-	730	ND	ND	ND	ND	ND	ND	ND	576
BS25-140	2	October 24, 2025	-	-	2,592	-	-	-	-	-	-	-	-
	3	October 31, 2025	-	-	360	ND	ND	ND	ND	ND	ND	ND	192
BS25-141	2	October 24, 2025	-	-	1,892	-	-	-	-	-	-	-	-
	3	October 29, 2025	-	-	162	ND	ND	ND	ND	ND	ND	ND	96

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Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	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)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs										
BS25-142	2	October 24, 2025	-	-	432	ND	ND	ND	ND	ND	ND	ND	320
BS25-143	2	October 24, 2025	-	-	247	ND	ND	ND	ND	ND	ND	ND	32
BS25-144	2	October 24, 2025	-	-	197	ND	ND	ND	ND	ND	ND	ND	128
BS25-145	2	October 24, 2025	-	-	682	ND	ND	ND	ND	ND	ND	ND	480
BS25-146	2	October 24, 2025	-	-	1,762	-	-	-	-	-	-	-	-
	3	October 29, 2025	-	1	197	ND	ND	ND	ND	ND	ND	ND	144
BS25-147	2	October 24, 2025	-	-	1,230	-	-	-	-	-	-	-	-
	3	October 29, 2025	-	-	167	ND	ND	ND	ND	ND	ND	ND	208
BS25-148	2	October 24, 2025	-	-	287	ND	ND	ND	ND	ND	ND	ND	208
BS25-149	2	October 24, 2025	-	-	247	ND	ND	ND	ND	ND	ND	ND	48
BS25-150	2	October 24, 2025	-	-	262	ND	ND	ND	ND	ND	ND	ND	176
BS25-151	2	October 24, 2025	-	-	198	ND	ND	ND	ND	ND	ND	ND	144
BS25-152	2	October 24, 2025	-	-	632	ND	ND	ND	ND	ND	ND	ND	544
BS25-153	2	October 24, 2025	-	-	245	ND	ND	ND	ND	ND	ND	ND	32
BS25-154	2	October 31, 2025	-	-	475	ND	ND	ND	ND	ND	ND	ND	480
BS25-155	2	October 24, 2025	-	-	1,000	-	-	-	-	-	-	-	-
	3	October 31, 2025	-	-	222	ND	ND	ND	ND	ND	ND	ND	160
BS25-156	2	October 24, 2025	-	24	152	ND	ND	ND	ND	ND	ND	ND	64
BS25-157	2	October 24, 2025	-	-	327	ND	ND	ND	ND	ND	ND	ND	192
BS25-158	2	October 24, 2025	-	-	190	ND	ND	ND	ND	ND	ND	ND	144
BS25-159	2	October 31, 2025	-	-	271	ND	ND	ND	ND	ND	ND	ND	304
BS25-160	2	October 24, 2025	-	-	3,105	-	-	-	-	-	-	-	-
	3	October 31, 2025	-	-	230	ND	ND	ND	ND	ND	ND	ND	288
BS25-161	2	October 24, 2025	-	5	230	ND	ND	ND	ND	ND	ND	ND	64
BS25-162	2	October 24, 2025	-	-	757	ND	ND	ND	ND	ND	ND	ND	512
BS25-163	2	October 23, 2025	-	-	840	ND	ND	ND	11.8	ND	11.8	11.8	**1970**
	3	November 4, 2025	-	10	210	ND	ND	ND	ND	ND	ND	ND	ND
BS25-164	2	October 23, 2025	-	-	1,155	-	-	-	-	-	-	-	-
	3	October 31, 2025	-	-	117	ND	ND	ND	ND	ND	ND	ND	32
BS25-165	2	October 23, 2025	-	9	447	ND	ND	ND	ND	ND	ND	ND	304
BS25-166	2	October 23, 2025	-	-	142	ND	ND	ND	ND	ND	ND	ND	64
BS25-167	2	October 23, 2025	-	-	156	ND	ND	ND	ND	ND	ND	ND	32
BS25-168	2	October 23, 2025	-	-	180	ND	ND	ND	ND	ND	ND	ND	96
BS25-169	2	October 23, 2025	-	-	485	ND	ND	ND	10.7	ND	10.7	10.7	320
BS25-170	2	October 23, 2025	-	0	172	ND	ND	ND	ND	ND	ND	ND	48
BS25-171	2	October 23, 2025	-	-	195	ND	ND	ND	ND	ND	ND	ND	64
BS25-172	2	October 23, 2025	-	-	230	ND	ND	ND	ND	ND	ND	ND	176
BS25-173	2	October 23, 2025	-	-	265	ND	ND	ND	ND	ND	ND	ND	160
BS25-174	2	October 23, 2025	-	-	220	ND	ND	ND	ND	ND	ND	ND	128
BS25-175	2	October 23, 2025	-	-	1,992	-	-	-	-	-	-	-	-
	3	October 31, 2025	-	-	200	ND	ND	ND	ND	ND	ND	ND	80
BS25-176	2	October 23, 2025	-	-	267	ND	ND	ND	ND	ND	ND	ND	176
BS25-177	2	October 23, 2025	-	12	287	ND	ND	ND	ND	ND	ND	ND	80
BS25-178	2	October 23, 2025	-	-	295	ND	ND	ND	ND	ND	ND	ND	160
BS25-179	2	October 23, 2025	-	-	215	ND	ND	ND	ND	ND	ND	ND	128
BS25-180	2	October 23, 2025	-	-	515	ND	ND	ND	ND	ND	ND	ND	384
BS25-181	2	October 23, 2025	-	-	1,485	-	-	-	-	-	-	-	-
	3	October 31, 2025	-	-	432	ND	ND	ND	ND	ND	ND	ND	384
BS25-182	2	October 23, 2025	-	-	1,602	-	-	-	-	-	-	-	-
	3	October 31, 2025	-	-	402	ND	ND	ND	ND	ND	ND	ND	320
BS25-183	2	October 23, 2025	-	-	780	ND	ND	ND	ND	ND	ND	ND	592
BS25-184	2	October 23, 2025	-	1	272	ND	ND	ND	ND	ND	ND	ND	176

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Table 3. Confirmatory Sample Laboratory Results

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	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)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs										
BS25-185	2	October 23, 2025	-	-	875	ND	ND	ND	25.9	ND	25.9	25.9	**640**
	3	November 4, 2025	-	-	650	ND	ND	ND	ND	ND	ND	ND	590
BS25-186	2	October 23, 2025	-	-	442	ND	ND	ND	ND	ND	ND	ND	320
BS25-187	2	October 23, 2025	-	-	835	ND	ND	ND	ND	ND	ND	ND	**752**
	3	November 4, 2025	-	-	300	ND	ND	ND	ND	ND	ND	ND	170
BS25-188	2	October 23, 2025	-	-	537	ND	ND	ND	ND	ND	ND	ND	560
BS25-189	2	October 23, 2025	-	-	1,417	-	-	-	-	-	-	-	-
	3	October 31, 2025	-	-	765	ND	ND	ND	ND	ND	ND	ND	480
BS25-190	2	October 23, 2025	-	15	210	ND	ND	ND	ND	ND	ND	ND	288
BS25-191	2	October 23, 2025	-	-	697	ND	ND	ND	ND	ND	ND	ND	560
BS25-192	2	October 23, 2025	-	-	287	ND	ND	ND	ND	ND	ND	ND	240
BS25-193	2	October 23, 2025	-	-	547	ND	ND	ND	ND	ND	ND	ND	400
BS25-194	2	October 23, 2025	-	-	905	ND	ND	ND	ND	ND	ND	ND	**752**
	3	November 4, 2025	-	-	433	ND	ND	ND	ND	ND	ND	ND	240
BS25-195	2	October 23, 2025	-	-	1,437	-	-	-	-	-	-	-	-
	3	October 31, 2025	-	-	860	ND	ND	ND	ND	ND	ND	ND	576
BS25-196	2	October 23, 2025	-	-	1,600	-	-	-	-	-	-	-	-
	3	October 31, 2025	-	-	780	ND	ND	ND	ND	ND	ND	ND	400
BS25-197	2	October 23, 2025	-	-	557	ND	ND	ND	ND	ND	ND	ND	400
BS25-198	2	October 23, 2025	-	-	857	ND	ND	ND	ND	ND	ND	ND	**608**
	3	November 4, 2025	-	-	500	ND	ND	ND	ND	ND	ND	ND	390
BS25-199	2	October 23, 2025	-	-	590	ND	ND	ND	ND	ND	ND	ND	464
BS25-200	2	October 23, 2025	-	-	547	ND	ND	ND	ND	ND	ND	ND	432
BS25-201	2	October 23, 2025	-	10	930	ND	ND	ND	ND	ND	ND	ND	**864**
	3	November 4, 2025	-	-	618	ND	ND	ND	ND	ND	ND	ND	470
BS25-202	2	October 23, 2025	-	-	1,617	-	-	-	-	-	-	-	-
	4	October 29, 2025	-	-	517	ND	ND	ND	ND	ND	ND	ND	32
BS25-203	2	October 23, 2025	-	-	902	ND	ND	ND	ND	ND	ND	ND	**816**
	3	November 4, 2025	-	-	1,750	-	-	-	-	-	-	-	-
	4	November 4, 2025	-	-	1,240	-	-	-	-	-	-	-	-
	5	November 4, 2025	-	-	650	ND	ND	ND	ND	ND	ND	ND	**650**
	5.25	November 13,2025	-	-	698	ND	ND	ND	ND	ND	ND	ND	**608**
	5.5	November 20, 2025	-	-	417	ND	ND	ND	ND	ND	ND	ND	416
BS25-204	2	October 23, 2025	-	-	827	ND	ND	ND	ND	ND	ND	ND	**720**
	3	November 4, 2025	-	-	775	ND	ND	ND	ND	ND	ND	ND	**650**
	3.25	November 13, 2025	-	-	545	ND	ND	ND	ND	ND	ND	ND	320
BS25-205	2	October 23, 2025	-	-	407	ND	ND	ND	ND	ND	ND	ND	336
BS25-206	2	October 23, 2025	-	11	347	ND	ND	ND	ND	ND	ND	ND	176
BS25-207	2	October 23, 2025	-	-	255	ND	ND	ND	ND	ND	ND	ND	192
BS25-208	2	October 23, 2025	-	-	602	ND	ND	ND	ND	ND	ND	ND	576
BS25-209	2	October 23, 2025	-	-	1,182	-	-	-	-	-	-	-	-
	4	October 29, 2025	-	-	490	ND	ND	ND	ND	ND	ND	ND	32
BS25-210	2	October 23, 2025	-	-	1,280	-	-	-	-	-	-	-	-
	3	October 29, 2025	-	-	425	ND	ND	ND	ND	ND	ND	ND	144
BS25-211	2	October 23, 2025	-	1	172	ND	ND	ND	ND	ND	ND	ND	80
BS25-212	2	October 31, 2025	-	-	402	ND	ND	ND	ND	ND	ND	ND	496
BS25-213	2	October 23, 2025	-	12	247	ND	ND	ND	ND	ND	ND	ND	176
BS25-214	2	October 23, 2025	-	-	310	ND	ND	ND	ND	ND	ND	ND	256
BS25-215	2	October 23, 2025	-	-	485	ND	ND	ND	ND	ND	ND	ND	384
BS25-216	2	October 23, 2025	-	31	610	ND	ND	ND	ND	ND	ND	ND	576
BS25-217	2	October 23, 2025	-	-	232	ND	ND	ND	ND	ND	ND	ND	112
BS25-218	2	October 23, 2025	-	-	737	ND	ND	ND	38.5	ND	38.5	38.5	592
BS25-219	2	October 29, 2025	-	-	270	ND	ND	ND	ND	ND	ND	ND	64

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Table 3. Confirmatory Sample Laboratory Results

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	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)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs										
BS25-220	2	October 29, 2025	-	-	622	ND	ND	ND	ND	ND	ND	ND	560
BS25-221	2	October 23, 2025	-	-	2,490	-	-	-	-	-	-	-	-
	6.5	October 29, 2025	-	-	980	ND	ND	ND	ND	ND	ND	ND	64
BS25-222	6.5	November 20, 2025	-	-	445	ND	ND	ND	ND	ND	ND	ND	**1140**
	7	December 18, 2025	-	-	325	ND	ND	ND	ND	ND	ND	ND	128
BS25-223	6.5	November 20, 2025	-	-	408	ND	ND	ND	ND	ND	ND	ND	144
BS25-224	4	October 24, 2025	-	-	195	ND	ND	ND	ND	ND	ND	ND	96
BS25-225	4	October 24, 2025	-	-	257	ND	ND	ND	ND	ND	ND	ND	176
BS25-226	4	October 24, 2025	-	20	220	ND	ND	ND	ND	ND	ND	ND	32
BS25-227	4	October 24, 2025	-	-	282	ND	ND	ND	ND	ND	ND	ND	288
BS25-228	4	October 24, 2025	-	-	258	ND	ND	ND	ND	ND	ND	ND	128
BS25-229	4	October 24, 2025	-	-	178	ND	ND	ND	ND	ND	ND	ND	32
BS25-230	4	October 24, 2025	-	14	247	ND	ND	ND	ND	ND	ND	ND	144
BS25-231	4	October 24, 2025	-	-	152	ND	ND	ND	ND	ND	ND	ND	64
BS25-232	4	October 24, 2025	-	-	240	ND	ND	ND	ND	ND	ND	ND	128
BS25-233	4	October 24, 2025	-	-	235	ND	ND	ND	ND	ND	ND	ND	48
BS25-234	4	October 24, 2025	-	-	136	ND	ND	ND	ND	ND	ND	ND	32
BS25-235	4	October 24, 2025	-	5	155	ND	ND	ND	ND	ND	ND	ND	48
BS25-236	4	October 24, 2025	-	-	105	ND	ND	ND	ND	ND	ND	ND	32
BS25-237	4	October 24, 2025	-	-	370	ND	ND	ND	ND	ND	ND	ND	48
BS25-238	6.5	October 29, 2025	-	-	875	ND	ND	ND	ND	ND	ND	ND	48
BS25-239	3	October 29, 2025	-	-	130	ND	ND	ND	ND	ND	ND	ND	64
BS25-240	3	October 31, 2025	-	-	263	ND	ND	ND	ND	ND	ND	ND	96
BS25-241	3	October 31, 2025	-	-	194	ND	ND	ND	ND	ND	ND	ND	176
BS25-242	3	November 4, 2025	-	-	873	-	-	-	-	-	-	-	-
	4	November 4, 2025	-	-	308	ND	ND	ND	ND	ND	ND	ND	150
BS25-243	3	November 4, 2025	-	-	1,068	-	-	-	-	-	-	-	-
	4	November 4, 2025	-	6	400	ND	ND	ND	ND	ND	ND	ND	190
BS25-244	3	November 4, 2025	-	-	1,225	-	-	-	-	-	-	-	-
	4	November 4, 2025	-	-	353	ND	ND	ND	ND	ND	ND	ND	170
BS25-245	3	November 4, 2025	-	-	835	-	-	-	-	-	-	-	-
	4	November 4, 2025	-	-	463	ND	ND	ND	ND	ND	ND	ND	160
BS25-246	3	November 4, 2025	-	-	2,365	-	-	-	-	-	-	-	-
	4	November 4, 2025	-	-	1,460	-	-	-	-	-	-	-	-
	5	November 4, 2025	-	-	800	ND	ND	ND	ND	ND	ND	ND	**1100**
	5.25	November 13, 2025	-	-	600	ND	ND	ND	ND	ND	ND	ND	496
BS25-247	2	November 4, 2025	-	-	1,825	-	-	-	-	-	-	-	-
	3	November 4, 2025	-	-	425	ND	ND	ND	ND	ND	ND	ND	460

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						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	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)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs										
BS25-248	2	November 4, 2025	-	-	2,328	-	-	-	-	-	-	-	-
	3	November 4, 2025	-	-	563	ND	ND	ND	ND	ND	ND	ND	340
BS25-249	2	November 4, 2025	-	-	750	ND	ND	ND	ND	ND	ND	ND	**710**
	2.5	November 13, 2025	-	-		ND	ND	ND	ND	ND	ND	ND	192
BS25-250	2	November 4, 2025	-	-	675	ND	ND	ND	ND	ND	ND	ND	250
BS25-251	2	November 4, 2025	-	-	600	ND	ND	ND	ND	ND	ND	ND	**720**
	2.25	November 13, 2025	-	-	438	ND	ND	ND	ND	ND	ND	ND	256
BS25-252	2	November 4, 2025	-	-	1,065	-	-	-	-	-	-	-	-
	3	November 4, 2025	-	-	345	ND	ND	ND	ND	ND	ND	ND	250
BS25-253	2	November 4, 2025	-	-	1,408	-	-	-	-	-	-	-	-
	3	November 4, 2025	-	-	900	-	-	-	-	-	-	-	-
	4	November 4, 2025	-	-	613	ND	ND	ND	ND	ND	ND	ND	480
BS25-254	2	November 4, 2025	-	-	485	ND	ND	ND	ND	ND	ND	ND	290
BS25-255	2	November 4, 2025	-	-	718	ND	ND	ND	ND	ND	ND	ND	450
BS25-256	2	November 25, 2025	-	-	667	ND	ND	ND	ND	ND	ND	ND	380
BS25-257	2	November 25, 2025	-	7	220	ND	ND	ND	ND	ND	ND	ND	120
BS25-258	2	November 25, 2025	-	-	303	ND	ND	ND	94	390	94	**484**	280
	3	December 18, 2025	-	14	142	ND	ND	ND	ND	ND	ND	ND	128
BS25-259	2	November 25, 2025	-	-	1,167	-	-	-	-	-	-	-	-
	3	December 18, 2025	-	-	165	ND	ND	ND	ND	ND	ND	ND	128
BS25-260	2	November 25, 2025	-	-	1,880	-	-	-	-	-	-	-	-
	3	December 18, 2025	-	-	420	ND	ND	ND	ND	ND	ND	ND	352
BS25-261	2	November 25, 2025	-	-	1,355	-	-	-	-	-	-	-	-
	3	December 18, 2025	-	-	257	ND	ND	ND	ND	ND	ND	ND	208
BS25-262	2	November 25, 2025	-	11	717	ND	ND	ND	ND	ND	ND	ND	430
BS25-263	2	November 25, 2025	-	-	740	ND	ND	ND	ND	ND	ND	ND	310
BS25-264	2	November 25, 2025	-	-	967	-	-	-	-	-	-	-	-
	3	December 18, 2025	-	10	165	ND	ND	ND	ND	ND	ND	ND	80
BS25-265	2	November 25, 2025	-	-	246	ND	ND	ND	15	68	15	83	140
BS25-266	2	November 25, 2025	-	-	465	ND	ND	ND	270	910	270	**1180**	340
	3	December 18, 2025	-	7	141	ND	ND	ND	ND	ND	ND	ND	160
BS25-267	2	November 25, 2025	-	-	437	ND	ND	ND	10	70	10	80	280
BS25-268	2.5	December 3, 2025	-	19	608	ND	ND	ND	ND	ND	ND	ND	**660**
	3.5	January 6, 2026	-	12	273	ND	ND	ND	ND	ND	ND	ND	48
BS25-269	2.5	December 3, 2025	-	-	1,408	-	-	-	-	-	-	-	-
	3.5	December 16, 2025	-	22	320	ND	ND	ND	ND	ND	ND	ND	112
BS25-270	2.5	December 3, 2025	-	-	1,935	-	-	-	-	-	-	-	-
	3.5	December 16, 2025	-	-	630	ND	ND	ND	ND	ND	ND	ND	368
BS25-271	2.5	December 3, 2025	-	-	1,748	-	-	-	-	-	-	-	-
	4.5	December 16, 2025	-	-	455	ND	ND	ND	ND	ND	ND	ND	496
BS25-272	2.5	December 3, 2025	-	-	2,108	-	-	-	-	-	-	-	-
	3.5	December 16, 2025	-	-	435	ND	ND	ND	ND	ND	ND	ND	208
BS25-273	2.5	December 3, 2025	-	-	2,838	-	-	-	-	-	-	-	-
	4.5	December 16, 2025	-	-	347	ND	ND	ND	ND	ND	ND	ND	256
BS25-274	2.5	December 3, 2025	-	-	1,977	-	-	-	-	-	-	-	-
	4.5	December 16, 2025	-	-	381	ND	ND	ND	ND	ND	ND	ND	256
BS25-275	2.5	December 3, 2025	-	-	1,545	-	-	-	-	-	-	-	-
	4.5	December 16, 2025	-	-	412	ND	ND	ND	ND	ND	ND	ND	288
BS25-276	2.5	December 3, 2025	-	-	1,248	-	-	-	-	-	-	-	-
	3.5	December 16, 2025	-	-	675	ND	ND	ND	ND	ND	ND	ND	400
BS25-277	2.5	December 3, 2025	-	-	843	-	-	-	-	-	-	-	-
	4.5	December 16, 2025	-	12	305	ND	ND	ND	ND	ND	ND	ND	256
BS25-278	2.5	December 3, 2025	-	-	1,353	-	-	-	-	-	-	-	-
	3.5	December 16, 2025	-	5	432	ND	ND	ND	ND	ND	ND	ND	320

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NMOCD Tracking #: nAPP2515532575
Project #: 25A-01241
Lab Reports: H255383, H255484, H255694, H255735, H256597, H256764, H256848, H256910, J37193-1, H257213, H257214, H257373, J37122-1, J38968-1, J38969-1, H257837, H257911, H257929, H260062

Table 3. Confirmatory Sample Laboratory Results

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	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)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs										
BS25-279	2.5	December 3, 2025	-	20	770	ND	ND	ND	ND	ND	ND	ND	**710**
	3.5	December 16, 2025	-	-	330	ND	ND	ND	ND	ND	ND	ND	464
BS25-280	2.5	December 3, 2025	-	-	968	-	-	-	-	-	-	-	-
	3.5	December 16, 2025	-	-	632	ND	ND	ND	ND	ND	ND	ND	592
BS25-281	2.5	December 3, 2025	-	-	1,448	-	-	-	-	-	-	-	-
	3.5	December 16, 2025	-	-	692	ND	ND	ND	ND	ND	ND	ND	480
BS25-282	2.5	December 3, 2025	-	-	475	ND	ND	ND	ND	ND	ND	ND	110
BS25-283	2.5	December 3, 2025	-	-	377	ND	ND	ND	ND	ND	ND	ND	ND
BS25-284	2.5	December 3, 2025	-	-	483	ND	ND	ND	ND	ND	ND	ND	220
BS25-285	2.5	December 3, 2025	-	-	323	ND	ND	ND	ND	ND	ND	ND	120
BS25-286	2.5	December 3, 2025	-	12	598	ND	ND	ND	ND	ND	ND	ND	420
BS25-287	2.5	December 3, 2025	-	-	400	ND	ND	ND	ND	ND	ND	ND	250
BS25-288	2.5	December 3, 2025	-	-	2,020	-	-	-	-	-	-	-	-
	3.5	December 16, 2025	-	-	727	ND	ND	ND	ND	ND	ND	ND	448
BS25-289	2.5	December 23, 2025	-	-	1,900	-	-	-	-	-	-	-	-
	4.5	December 23, 2025	-	-	277	ND	ND	ND	ND	ND	ND	ND	160
BS25-290	2.5	December 3, 2025	-	-	1,998	-	-	-	-	-	-	-	-
	4.5	December 16, 2025	-	-	260	ND	ND	ND	ND	ND	ND	ND	432
BS25-291	4.5	December 16, 2025	-	-	385	ND	ND	ND	ND	ND	ND	ND	208
BS25-292	4.5	December 16, 2025	-	-	260	ND	ND	ND	ND	ND	ND	ND	384
BS25-293	4.5	December 16, 2025	-	-	292	ND	ND	ND	ND	ND	ND	ND	336
BS25-294	4.5	December 16, 2025	-	4	241	ND	ND	ND	ND	ND	ND	ND	144
BS25-295	3.5	December 16, 2025	-	-	572	ND	ND	ND	ND	ND	ND	ND	480
BS25-296	4.5	December 16, 2025	-	-	440	ND	ND	ND	ND	ND	ND	ND	272
BS25-297	4.5	December 16, 2025	-	-	528	ND	ND	ND	ND	ND	ND	ND	272
BS25-298	3.5	December 16, 2025	-	-	472	ND	ND	ND	ND	ND	ND	ND	304
BS25-299	2.5	December 16, 2025	-	-	742	ND	ND	ND	ND	ND	ND	ND	400
BS25-300	2.5	December 16, 2025	-	11	257	ND	ND	ND	ND	ND	ND	ND	144
BS25-301	2.5	December 16, 2025	-	-	702	ND	ND	ND	ND	ND	ND	ND	400
BS25-302	3.5	December 16, 2025	-	-	428	ND	ND	ND	ND	ND	ND	ND	496
BS25-303	3.5	December 16, 2025	-	-	552	ND	ND	ND	ND	ND	ND	ND	256
BS25-304	3.5	December 16, 2025	-	1	197	ND	ND	ND	ND	ND	ND	ND	144
BS25-305	3.5	December 16, 2025	-	-	282	ND	ND	ND	ND	ND	ND	ND	128
BS25-306	3.5	December 16, 2025	-	-	402	ND	ND	ND	ND	ND	ND	ND	400
BS25-307	3.5	December 16, 2025	-	-	410	ND	ND	ND	ND	ND	ND	ND	416
BS25-308	3.5	December 16, 2025	-	-	550	ND	ND	ND	ND	ND	ND	ND	304
BS25-309	3.5	December 16, 2025	-	-	225	ND	ND	ND	ND	ND	ND	ND	192
BS25-310	2.5	December 16, 2025	-	7	265	ND	ND	ND	ND	ND	ND	ND	144
BS25-311	2.5	December 16, 2025	-	-	427	ND	ND	ND	ND	ND	ND	ND	256
BS25-312	4.5	December 16, 2025	-	0	412	ND	ND	ND	ND	ND	ND	ND	320
BS25-313	4.5	December 23, 2025	-	-	405	ND	ND	ND	ND	ND	ND	ND	160
BS25-314	4.5	December 23, 2025	-	-	165	ND	ND	ND	ND	ND	ND	ND	48
BS25-315	3.5	December 23, 2025	-	-	180	ND	ND	ND	ND	ND	ND	ND	96
BS25-316	3.5	December 23, 2025	-	7	160	ND	ND	ND	ND	ND	ND	ND	16
BS25-317	3	December 23, 2025	-	-	487	ND	ND	ND	ND	ND	ND	ND	240
BS25-318	3	December 23, 2025	-	-	125	ND	ND	ND	ND	ND	ND	ND	64
BS25-319	3	December 23, 2025	-	-	130	ND	ND	ND	ND	ND	ND	ND	48
BS25-320	3	December 18, 2025	-	-	1,030	-	-	-	-	-	-	-	-
	4	December 23, 2025	-	-	172	ND	ND	ND	ND	ND	ND	ND	96

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Table 3. Confirmatory Sample Laboratory Results

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	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)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Depth to Groundwater ≤ 50 feet bgs													
BS25-321	2	December 18, 2025	-	-	907	-	-	-	-	-	-	-	-
	3	December 23, 2025	-	6	240	ND	ND	ND	ND	ND	ND	ND	128
BS25-322	2	December 18, 2025	-	-	862	-	-	-	-	-	-	-	-
	3	December 23, 2025	-	-	322	ND	ND	ND	ND	ND	ND	ND	192
BS25-323	2	December 23, 2025	-	6	490	ND	ND	ND	ND	ND	ND	ND	128
BS25-324	3	December 23, 2025	-	-	-	ND	ND	ND	ND	ND	ND	ND	128
BS25-325	3	December 23, 2025	-	-	237	ND	ND	ND	ND	ND	ND	ND	80
BS25-326	3	December 23, 2025	-	11	565	ND	ND	ND	ND	ND	ND	ND	304
BS25-327	2	December 23, 2025	-	-	142	ND	ND	ND	ND	ND	ND	ND	160
BS25-328	3	December 23, 2025	-	-	432	ND	ND	ND	ND	ND	ND	ND	144
BS25-329	3	December 23, 2025	-	-	482	ND	ND	ND	ND	ND	ND	ND	384
BS25-330	3	December 23, 2025	-	-	187	ND	ND	ND	ND	ND	ND	ND	96
BS25-331	2	December 23, 2025	-	6	457	ND	ND	ND	ND	ND	ND	ND	336
BS25-332	2	December 23, 2025	-	-	180	ND	ND	ND	ND	ND	ND	ND	128
BS25-333	2	December 23, 2025	-	-	167	ND	ND	ND	ND	ND	ND	ND	64
BS25-334	2	December 23, 2025	-	-	290	ND	ND	ND	ND	ND	ND	ND	192
BS25-335	3	December 23, 2025	-	-	222	ND	ND	ND	ND	ND	ND	ND	112
BS25-336	2	December 23, 2025	-	-	230	ND	ND	ND	ND	ND	ND	ND	160
BS25-337	4	December 23, 2025	-	-	315	ND	ND	ND	ND	ND	ND	ND	176
BS25-338	3.5	December 23, 2025	-	-	345	ND	ND	ND	ND	ND	ND	ND	240
Wall Samples													
WS25-01	0-1	August 31, 2025	-	-	395	ND	ND	ND	ND	ND	ND	ND	288
WS25-02	0-1	August 31, 2025	-	-	245	ND	ND	ND	ND	ND	ND	ND	128
WS25-03	0-1	August 31, 2025	-	-	448	ND	ND	ND	ND	ND	ND	ND	560
WS25-04	1-2	September 9, 2025	-	-	1,075	-	-	-	-	-	-	-	-
	1-2	September 10, 2025	-	-	955	-	-	-	-	-	-	-	-
	1-2	September 10, 2025	-	-	880	-	-	-	-	-	-	-	-
	1-2	September 11, 2025	-	-	483	ND	ND	ND	ND	ND	ND	ND	368
WS25-05	0-2	September 9, 2025	-	-	198	ND	ND	ND	ND	ND	ND	ND	96
WS25-06	1-2	September 9, 2025	-	-	390	ND	ND	ND	ND	ND	ND	ND	304
WS25-07	1-2	September 9, 2025	-	-	490	ND	ND	ND	ND	ND	ND	ND	384
WS25-08	1-3	September 9, 2025	-	-	363	ND	ND	ND	ND	ND	ND	ND	192
WS25-09	1-3	September 9, 2025	-	-	563	ND	ND	ND	ND	ND	ND	ND	448
WS25-10	1-2	September 9, 2025	-	-	593	ND	ND	ND	ND	ND	ND	ND	400
WS25-11	1-4	September 10, 2025	-	-	2,460	-	-	-	-	-	-	-	-
	1-4	September 11, 2025	-	-	735	ND	ND	ND	ND	ND	ND	ND	512
WS25-12	2-4	September 11, 2025	-	-	538	ND	ND	ND	ND	ND	ND	ND	512
WS25-13	1-4	September 10, 2025	-	-	1,880	-	-	-	-	-	-	-	-
	1-4	September 11, 2025	-	-	420	ND	ND	ND	ND	ND	ND	ND	320
WS25-14	1-2	September 11, 2025	-	-	675	ND	ND	ND	ND	ND	ND	ND	528
WS25-15	1-2	September 11, 2025	-	-	345	ND	ND	ND	ND	ND	ND	ND	304
WS25-16	1-3	September 10, 2025	-	-	1,703	-	-	-	-	-	-	-	-
	0-3	September 10, 2025	-	-	1,093	-	-	-	-	-	-	-	-
	0-3	September 11, 2025	-	-	260	ND	ND	ND	ND	ND	ND	ND	176
WS25-17	1-3	September 11, 2025	-	-	383	ND	ND	ND	ND	ND	ND	ND	208
WS25-18	1-4	September 11, 2025	-	-	360	ND	ND	ND	ND	ND	ND	ND	224
WS25-19	3-4	September 11, 2025	-	-	498	ND	ND	ND	ND	ND	ND	ND	448
WS25-20	3-4	September 11, 2025	-	-	213	ND	ND	ND	ND	ND	ND	ND	48
WS25-21	3-4	September 11, 2025	-	-	458	ND	ND	ND	ND	ND	ND	ND	288
WS25-22	2-3	September 11, 2025	-	-	630	ND	ND	ND	ND	ND	ND	ND	384
~~WS25-23~~	~~1-3~~	~~September 10, 2025~~	-	-	~~4,495~~	-	-	-	-	-	-	-	-
WS25-24	0-2	December 23, 2025	-	11		ND	ND	ND	ND	ND	ND	ND	48
WS25-25	2-3	September 11, 2025	-	-	355	ND	ND	ND	ND	ND	ND	ND	240

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Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	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)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs										
~~WS25-26~~	~~0-2~~	~~October 31, 2025~~	~~-~~	~~-~~	~~2,685~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~**4640**~~
~~WS25-27~~	~~0-2~~	~~October 31, 2025~~	~~-~~	~~-~~	~~1,497~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~**5520**~~
WS25-28	0-2	October 31, 2025	-	-	341	ND	ND	ND	ND	ND	ND	ND	96
WS25-29	0-2	October 31, 2025	-	-	139	ND	ND	ND	ND	ND	ND	ND	48
WS25-30	0-2	October 31, 2025	-	-	125	ND	ND	ND	ND	ND	ND	ND	112
	2-3	November 6, 2025	-	-	690	ND	ND	ND	ND	ND	ND	ND	**660**
	2-5	November 13, 2025	-	-	725	ND	ND	ND	ND	ND	ND	ND	80
WS25-31	0-2	October 31, 2025	-	-	156	ND	ND	ND	ND	ND	ND	ND	160
WS25-32	0-2	October 31, 2025	-	-	175	ND	ND	ND	ND	ND	ND	ND	48
WS25-33	0-2	October 31, 2025	-	-	108	ND	ND	ND	ND	ND	ND	ND	240
WS25-34	0-2	October 31, 2025	-	-	262	ND	ND	ND	ND	ND	ND	ND	144
WS25-35	0-2	October 31, 2025	-	-	224	ND	ND	ND	ND	ND	ND	ND	128
WS25-36	0-2	October 31, 2025	-	-	202	ND	ND	ND	ND	ND	ND	ND	96
WS25-37	2-3	October 31, 2025	-	-	174	ND	ND	ND	ND	ND	ND	ND	48
WS25-38	2-4	October 31, 2025	-	-	107	ND	ND	ND	ND	ND	ND	ND	64
WS25-39	2-4	October 31, 2025	-	-	115	ND	ND	ND	ND	ND	ND	ND	128
WS25-40	2-3	October 31, 2025	-	-	195	ND	ND	ND	ND	ND	ND	ND	144
WS25-41	2-3	October 31, 2025	-	-	322	ND	ND	ND	ND	ND	ND	ND	304
WS25-42	2-6.5	October 31, 2025	-	-	267	ND	ND	ND	ND	ND	ND	ND	368
WS25-43	2-4	October 31, 2025	-	-	112	ND	ND	ND	ND	ND	ND	ND	144
WS25-44	2-3	November 4, 2025	-	-	200	ND	ND	ND	ND	ND	ND	ND	ND
WS25-45	2-3	November 4, 2025	-	-	285	ND	ND	ND	ND	ND	ND	ND	190
WS25-46	2-3	November 4, 2025	-	-	387	ND	ND	ND	ND	ND	ND	ND	170
WS25-47	2-3	November 4, 2025	-	-	450	ND	ND	ND	ND	ND	ND	ND	420
WS25-48	2-3	November 4, 2025	-	-	160	ND	ND	ND	ND	ND	ND	ND	**730**
	2-3	November 13, 2025	-	-	625	ND	ND	ND	ND	ND	ND	ND	**656**
	2-3	November 20, 2025	-	-	354	ND	ND	ND	ND	ND	ND	ND	256
WS25-49	2-4	November 4, 2025	-	-	750	ND	ND	ND	ND	ND	ND	ND	**810**
	2-4	November 13, 2025	-	-	700	ND	ND	ND	ND	ND	ND	ND	576
WS25-50	3-4	November 4, 2025	-	7	189	ND	ND	ND	ND	ND	ND	ND	170
WS25-51	4-5	November 4, 2025	-	-	588	ND	ND	ND	ND	ND	ND	ND	**1100**
	4-5	November 13, 2025	-	-	573	ND	ND	ND	ND	ND	ND	ND	416
WS25-52	3-4	November 4, 2025	-	-	577	ND	ND	ND	ND	ND	ND	ND	190
WS25-53	2-3	November 4, 2025	-	-	698	ND	ND	ND	ND	ND	ND	ND	580
WS25-54	5-5.5	November 4, 2025	-	-	450	ND	ND	ND	ND	ND	ND	ND	420
WS25-55	2-3	November 4, 2025	-	-	488	ND	ND	ND	ND	ND	ND	ND	330
WS25-56	3-5	November 4, 2025	-	8	523	ND	ND	ND	ND	ND	ND	ND	330
WS25-57	3-5	November 4, 2025	-	-	500	ND	ND	ND	ND	ND	ND	ND	150
WS25-58	5-6	November 13, 2025	-	-	-	ND	ND	ND	ND	ND	ND	ND	**768**
	5-6	November 20, 2025	-	-	288	ND	ND	ND	ND	ND	ND	ND	320
WS25-59	0-2	November 25, 2025	-	9	272	ND	ND	ND	ND	ND	ND	ND	180
WS25-60	2.5-3.5	December 18, 2025	-	-	290	ND	ND	ND	ND	ND	ND	ND	240
WS25-61	2.5-3.5	December 18, 2025	-	-	335	ND	ND	ND	ND	ND	ND	ND	128
WS25-62	2.5-3.5	December 18, 2025	-	-	275	ND	ND	ND	ND	ND	ND	ND	160
WS25-63	3.5-4.5	December 18, 2025	-	-	135	ND	ND	ND	ND	ND	ND	ND	64
WS25-64	3.5-4.5	December 18, 2025	-	-	212	ND	ND	ND	ND	ND	ND	ND	144
WS25-65	3.5-4.5	December 18, 2025	-	5	487	ND	ND	ND	ND	ND	ND	ND	368
WS25-66	0-2.5	December 18, 2025	-	-	195	ND	ND	ND	ND	ND	ND	ND	128
WS25-67	0-3.5	December 18, 2025	-	0	348	ND	ND	ND	ND	ND	ND	ND	240
WS25-68	2.5-3.5	December 23, 2025	-	-	280	ND	ND	ND	ND	ND	ND	ND	208
WS25-69	0-2	December 23, 2025	-	-	217	ND	ND	ND	ND	ND	ND	ND	48
WS25-70	0-2	December 23, 2025	-	14	174	ND	ND	ND	ND	ND	ND	ND	96
WS25-71	0-2	December 23, 2025	-	12	362	ND	ND	ND	ND	ND	ND	ND	240

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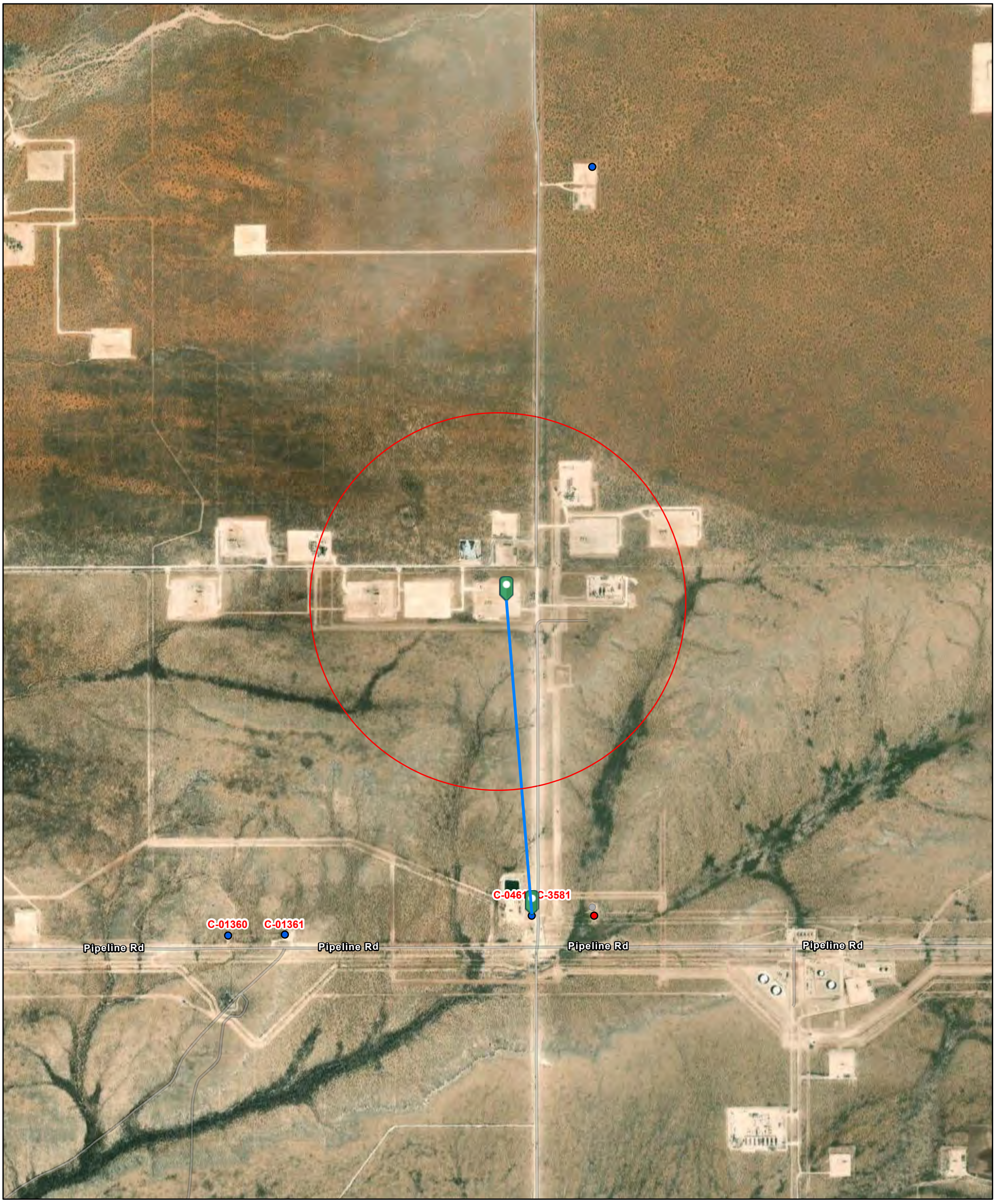
Table 3. Confirmatory Sample Laboratory Results

Sample Description			Field Screening			Petroleum Hydrocarbons							Inorganic
						Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	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)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs										
WS25-72	0-2	December 23, 2025	-	12	202	ND	ND	ND	ND	ND	ND	ND	80
WS25-73	2-3	December 23, 2025	-	-	110	ND	ND	ND	ND	ND	ND	ND	96
WS25-74	2-3	December 23, 2025	-	-	192	ND	ND	ND	ND	ND	ND	ND	128
WS25-75	0-2	December 23, 2025	-	-	105	ND	ND	ND	ND	ND	ND	ND	208
WS25-76	3-4	December 23, 2025	-	-	208	ND	ND	ND	ND	ND	ND	ND	112
WS25-77	2-3	December 23, 2025	-	-	212	ND	ND	ND	ND	ND	ND	ND	176
WS25-78	2-6.5	December 23, 2025	-	-	205	ND	ND	ND	ND	ND	ND	ND	64
WS25-79	2-6.5	December 23, 2025	-	-	140	ND	ND	ND	ND	ND	ND	ND	80
WS25-80	2-6.5	December 23, 2025	-	-	291	ND	ND	ND	ND	ND	ND	ND	160
Backfill Samples													
Backfill-01	0	August 28, 2025	-	-	84	ND	ND	ND	ND	ND	ND	ND	64
Backfill-02	0	August 28, 2025	-	-	105	ND	ND	ND	ND	ND	ND	ND	128

Yellow and strikethrough indicates wall samples that were removed/no longer exist
"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Bold and grey shaded indicates exceedance outside of NMOCD Closure Criteria that required additional excavation

APPENDIX A – Closure Criteria Research Documentation

OSE POD Location Map



3/22/2025, 12:45:34 PM

Override 1

GIS WATERS PODs

Active

Plugged

1:18,056

0 0.17 0.35 0.7 mi

0 0.28 0.55 1.1 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar

Online web user

This is an unofficial map from the OSE's online application.

Point of Diversion Summary

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

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	C 03483	SE	SE	SE	05	26S	30E	604296.3	3548251.4	

* UTM location was derived from PLSS - see Help

Driller License:	1509	**Driller Company:**	BMS DRILLING COMPANY		
Driller Name:	BEAUREGARD, RICHARD				
Drill Start Date:	2011-06-03	**Drill Finish Date:**	2011-06-08	**Plug Date:**	
Log File Date:	2011-07-14	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:	SUBMER	**Pipe Discharge Size:**		**Estimated Yield:**	35
Casing Size:	8.00	**Depth Well:**	700	**Depth Water:**	200

Water Bearing Stratifications:

Top	Bottom	Description
200	255	Sandstone/Gravel/Conglomerate
285	320	Sandstone/Gravel/Conglomerate
320	360	Sandstone/Gravel/Conglomerate
510	650	Shale/Mudstone/Siltstone

Casing Perforations:

Top	Bottom
180	260
280	360
500	680

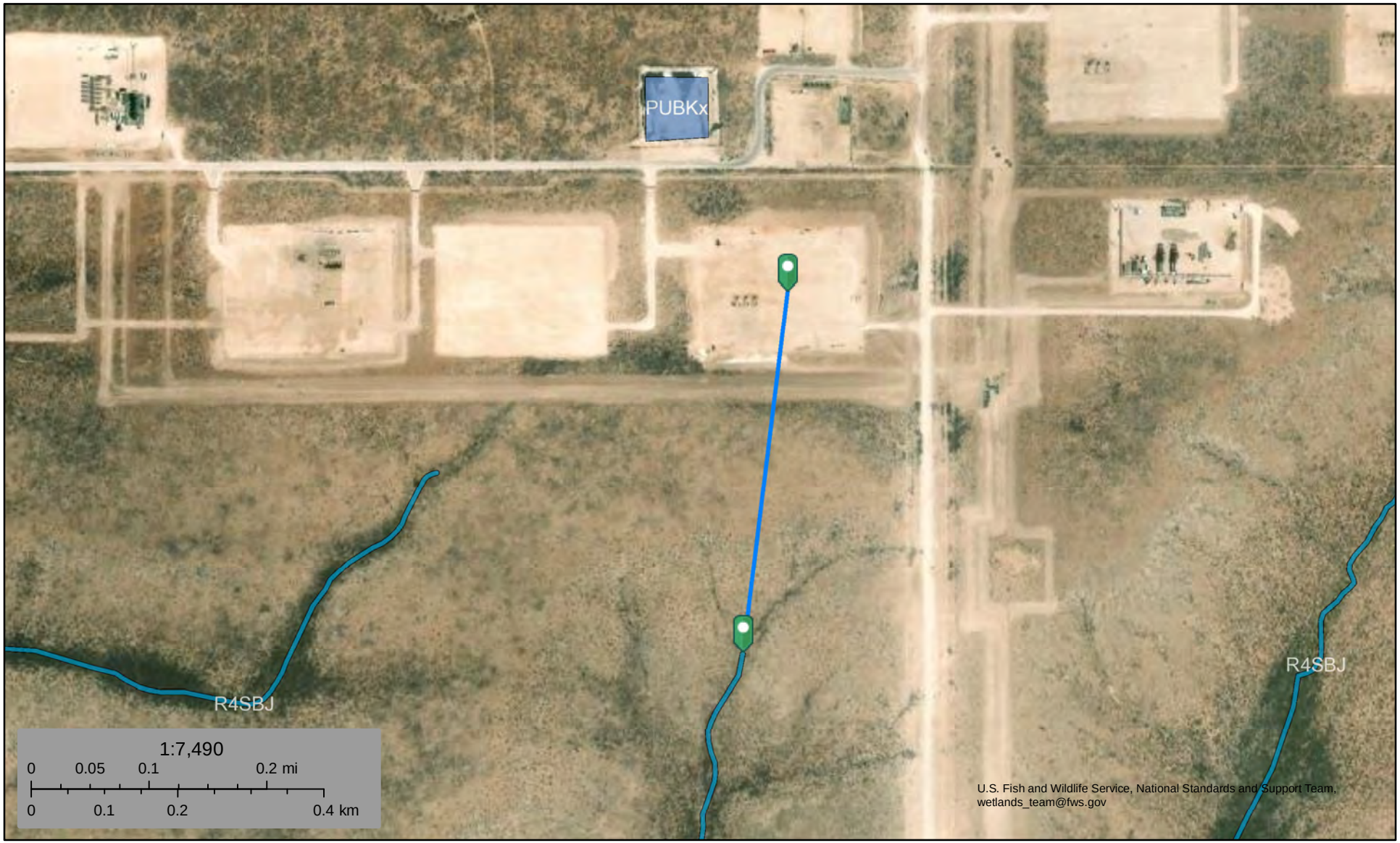
Meter Information

Meter Number:	14452	**Meter Make:**	MASTERMETER
Meter Serial Number:	32530329	**Meter Multiplier:**	100.0000
Number of Dials:	6	**Meter Type:**	Diversion

Received by OCD: 1/13/2026 6:24:50 PM

U.S. Fish and Wildlife Service
National Wetlands Inventory

Stark 5 Federal Com #701H
Watercourse 1,378ft



March 22, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

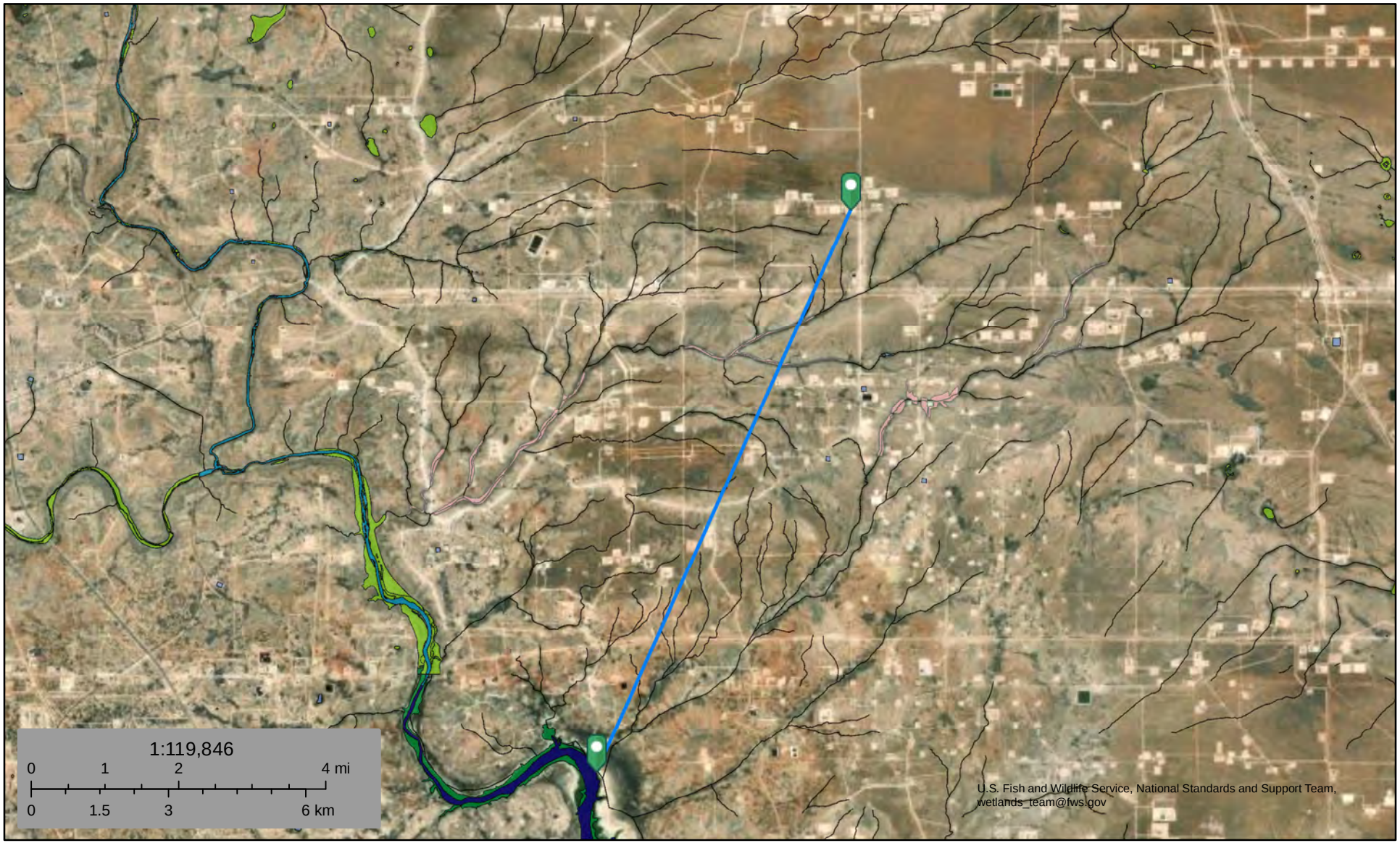
National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Released to Imaging: 2/11/2026 1:58:40 PM

Received by OCD: 1/13/2026 6:24:50 PM

U.S. Fish and Wildlife Service
National Wetlands Inventory

Stark 5 Federal Com #701H
Lake 37,478ft



March 22, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

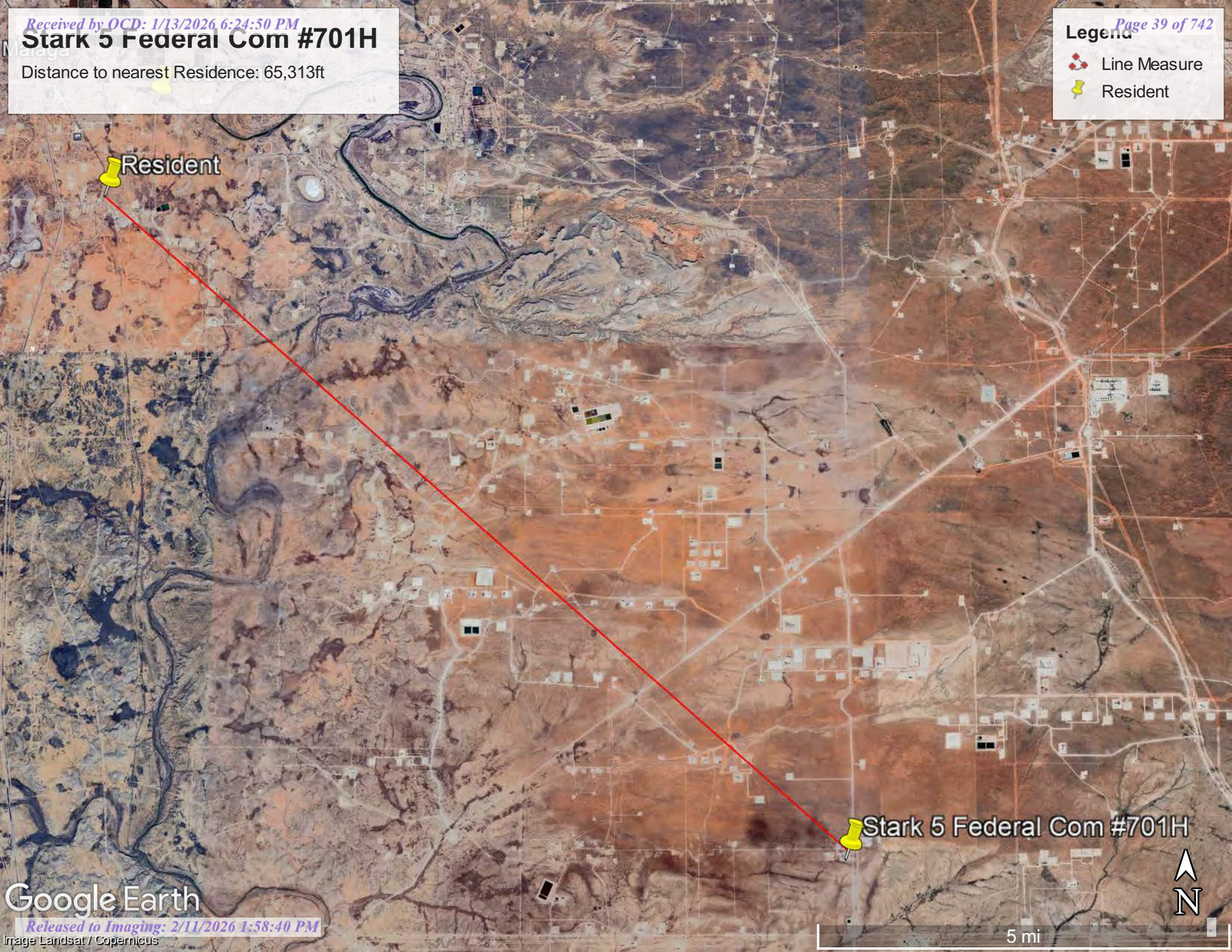
National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Released to Imaging: 2/11/2026 1:58:40 PM

Received by OCD: 1/13/2026 6:24:50 PM

Stark 5 Federal Com #701H

Distance to nearest Residence: 65,313ft



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Received by OCD: 1/13/2026 6:24:50 PM

U.S. Fish and Wildlife Service
National Wetlands Inventory

Stark 5 Federal Com #701H
Wetland 12,630ft



March 22, 2025

Wetlands

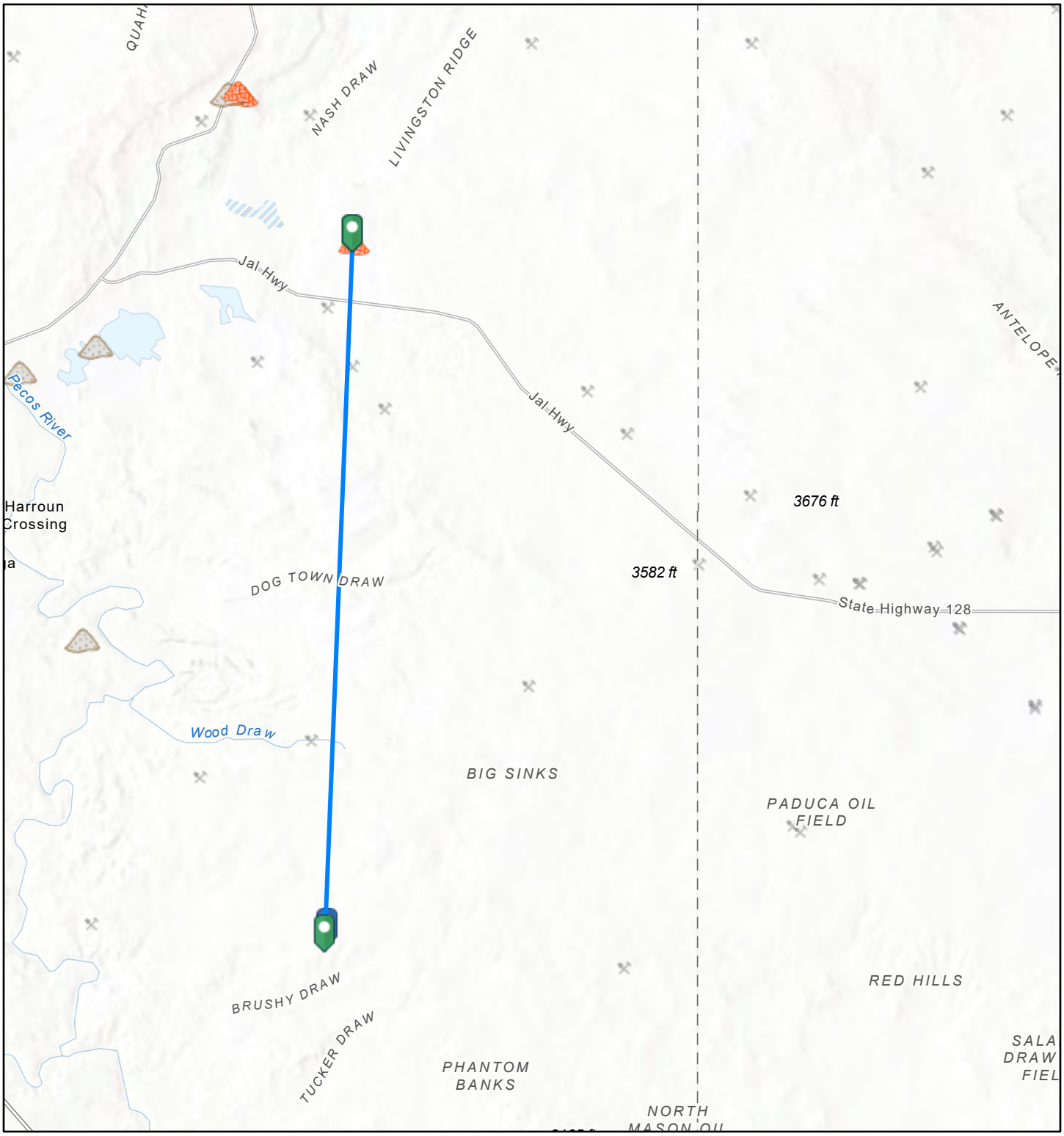
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

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

Released to Imaging: 2/11/2026 1:58:40 PM

Stark 5 Federal Com #701H Mine 100,897ft



3/22/2025, 1:02:06 PM

1:288,895

0 2 4 8 mi

0 3.25 6.5 13 km

Registered Mines

- Aggregate, Stone etc.
- Aggregate, Stone etc.
- Aggregate, Stone etc.
- Potash
- Salt

Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

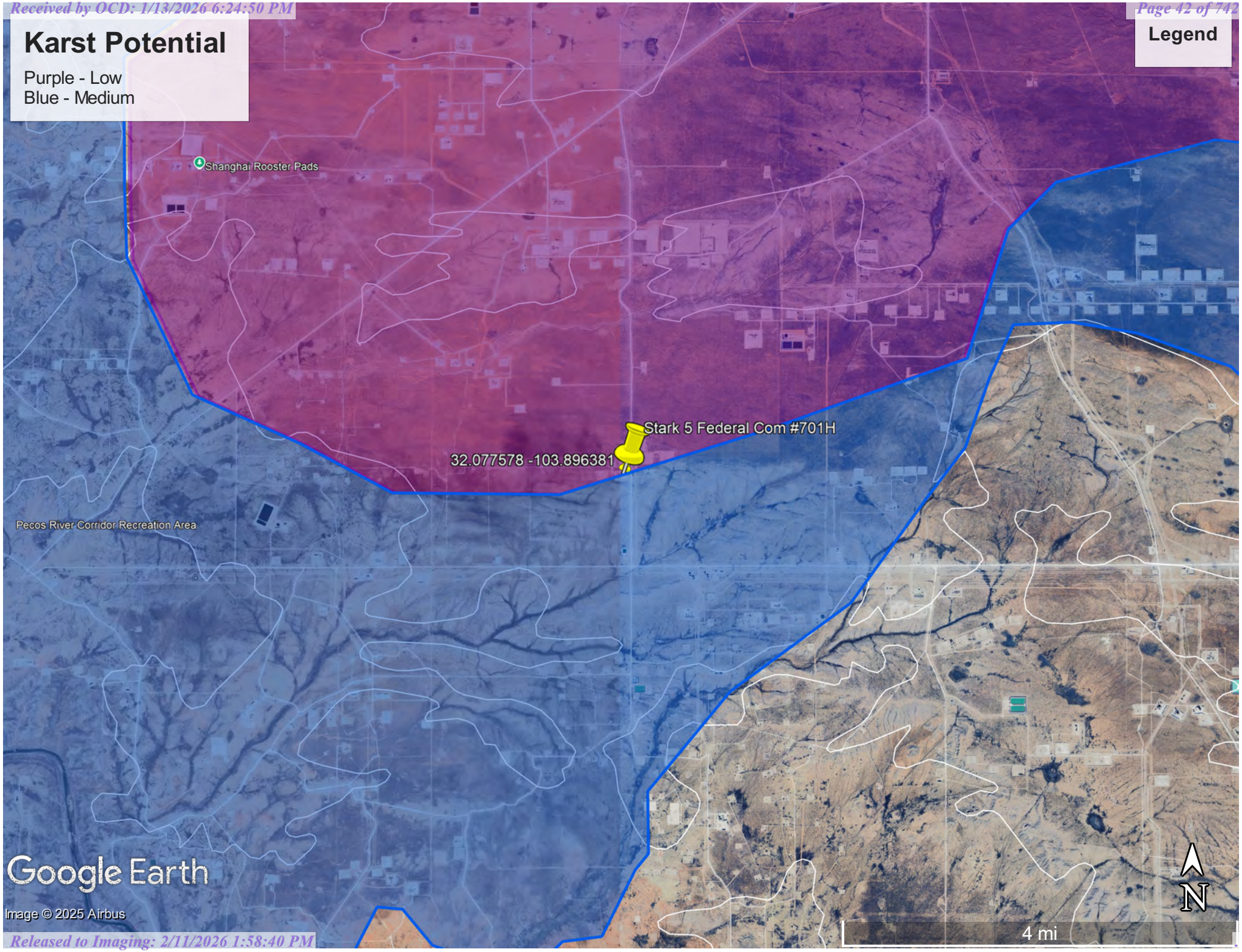
EMNRD MMD GIS Coordinator

New Mexico Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)

Karst Potential

Purple - Low
Blue - Medium

Legend

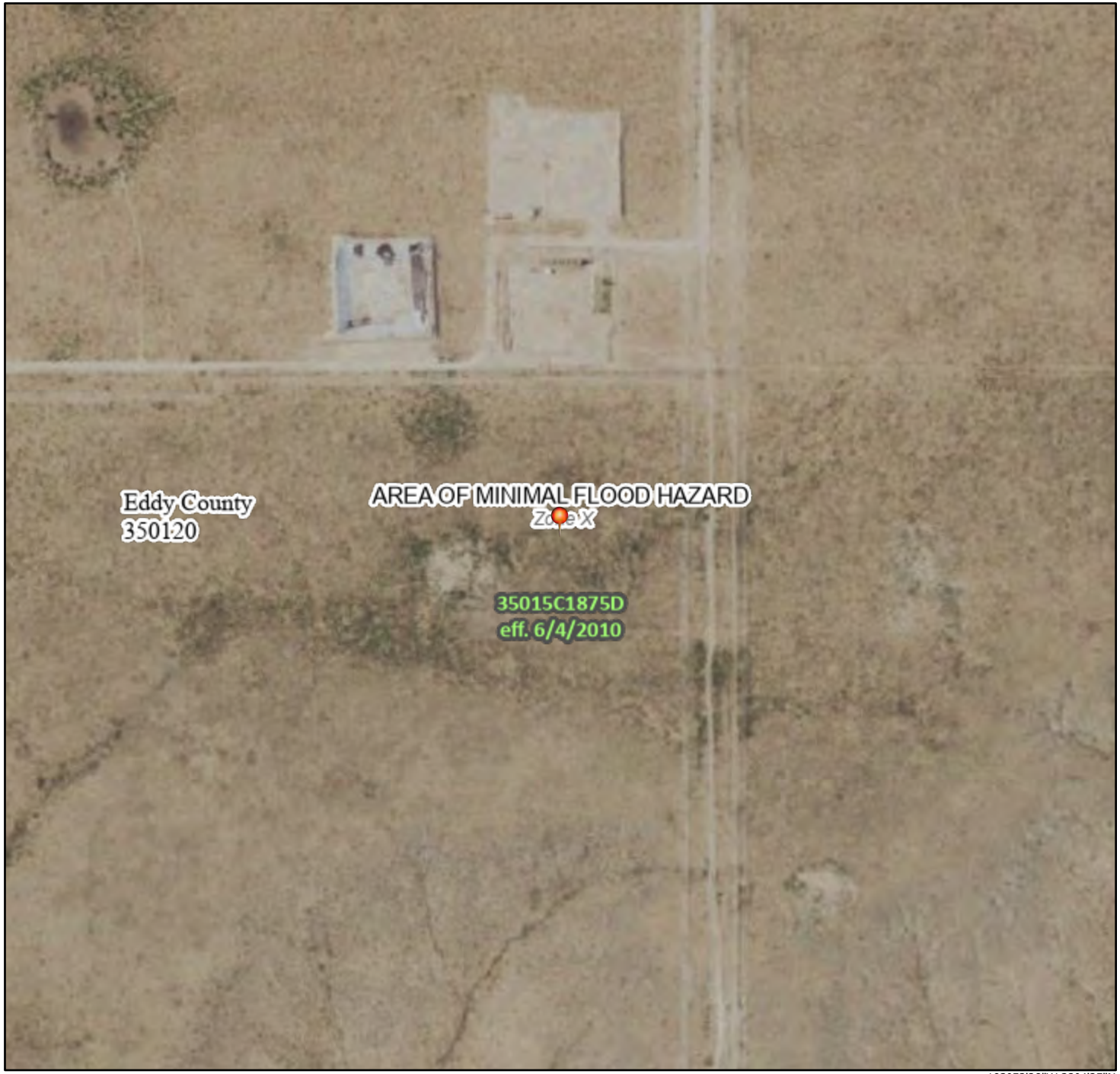


Received by OCD: 1/13/2026 6:24:50 PM

National Flood Hazard Layer FIRMette

FEMA

103°54'5"W 32°4'55"N



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

1:6,000

103°53'28"W 32°4'25"N

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
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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 3/22/2025 at 7:03 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.

Released to Imaging: 2/11/2026 1:38:40 PM

Stark 5 Federal Com #701H

Distance to FEMA Flood Zone A: 4,646ft

Legend

- FEMA Flood Zone A
- Line Measure
- Strak 5 Federal Com #701H

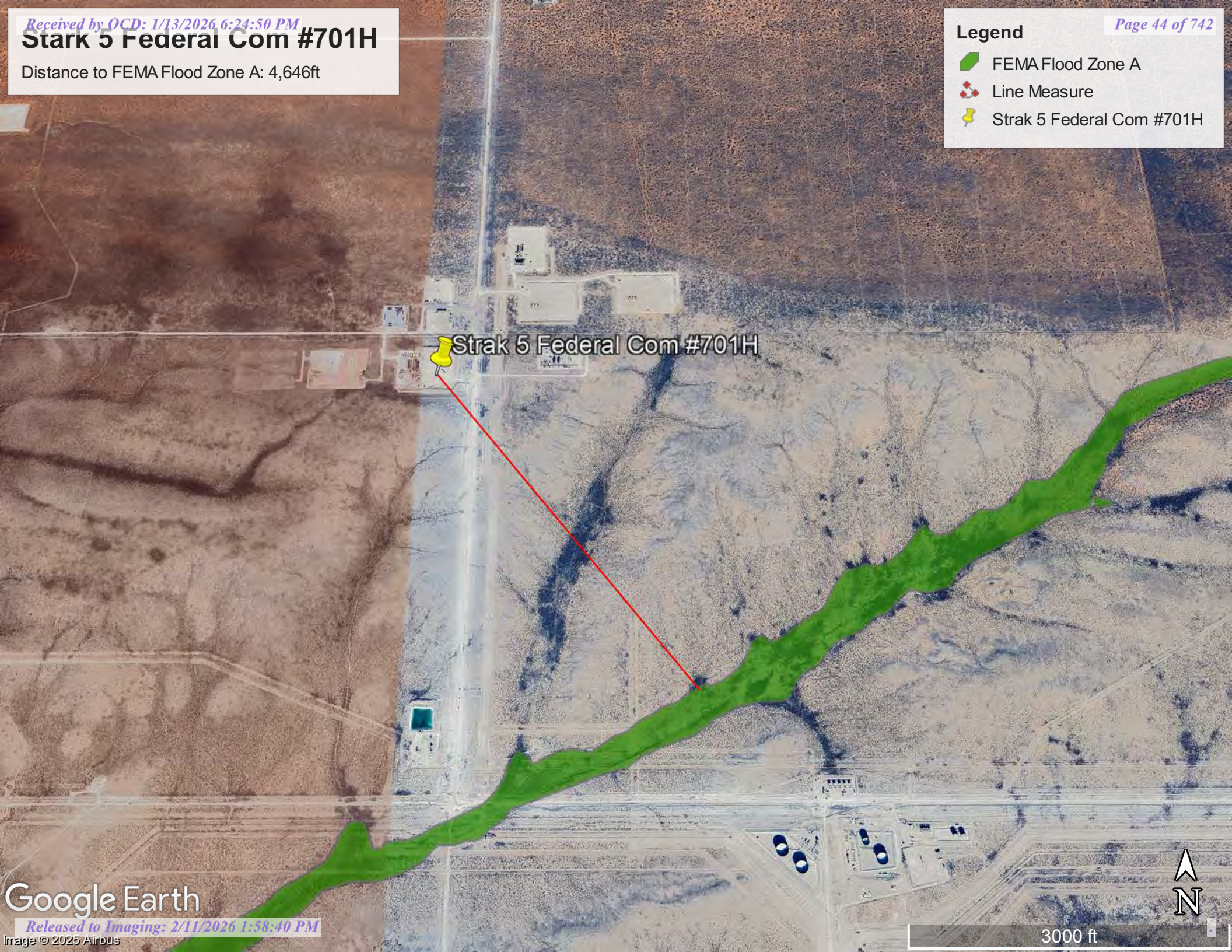


Image © 2025 Airbus

Eddy Area, New Mexico

US—Upton-Simona complex, 1 to 15 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w66
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

Upton and similar soils: 40 percent
Simona and similar soils: 35 percent
Minor components: 25 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Upton

Setting

Landform: Ridges, fans
Landform position (three-dimensional): Side slope, rise
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam
H2 - 9 to 13 inches: gravelly loam
H3 - 13 to 21 inches: cemented
H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 1 to 15 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 75 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 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070BC025NM - Shallow
Hydric soil rating: No

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 6 inches: gravelly fine sandy loam
H2 - 6 to 20 inches: gravelly fine sandy loam
H3 - 20 to 24 inches: indurated

Properties and qualities

Slope: 1 to 5 percent
Depth to restrictive feature: 7 to 20 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
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 2.4 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

Rock outcrop

Percent of map unit: 9 percent
Hydric soil rating: No

Pajarito

Percent of map unit: 8 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Dune land

Percent of map unit: 8 percent
Hydric soil rating: No

Stark 5 Federal Com #701H Geology



3/22/2025, 1:44:37 PM

1:144,448

0 1 2 4 mi

0 1.5 3 6 km

Lithologic Units

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

Esri, NASA, NGA, USGS, 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 Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road data;

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

APPENDIX B – Daily Field Reports

Daily Site Visit Report

Site Photos

Viewing Direction: Southwest	**Viewing Direction**: East
	
Placard	BH25-07
Viewing Direction: Southeast	**Viewing Direction**: South
	
Northwest corner of release facing southeast	Northwest corner of release facing south

Daily Site Visit Report

Viewing Direction: South



BH25-01

Viewing Direction: East



BH25-02

Viewing Direction: Southeast



BH25-03

Viewing Direction: South



BH25-04

Daily Site Visit Report

Viewing Direction: West	**Viewing Direction**: Northeast
	
BH25-05	BH25-06

Daily Site Visit Report

Site Photos

Viewing Direction: West



Placard

Viewing Direction: South



Swept planned dig location with magnetic locator.

Viewing Direction: West



TP25-01. Samples collected at 0’ and 2’ bgs.

Viewing Direction: West



TP25-02. Samples collected at 0’ 2’ 3’ and 4’ bgs.

Daily Site Visit Report

Viewing Direction: West	**Viewing Direction**: Southeast
	
TP25-02. Samples collected at 0’ 2’ and 3’ 4’ bgs.	TP25-03. Samples collected at 0’ and 2’ 4’ and 6’ bgs.
Viewing Direction: Southeast	**Viewing Direction**: East
	
TP25-03. Samples collected at 0’ and 2’ 4’ and 6’ bgs.	TP25-04. Samples collected at 0’ 2’ and 3’ 4’ bgs.

Daily Site Visit Report

Viewing Direction: East	**Viewing Direction**: Northeast
	
TP25-04. Samples collected at 0’ 2’ and 3’ 4’ bgs.	Overview of work area

Viewing Direction: Southeast	**Viewing Direction**: West
	
Overview of work area	Overview of work area

Daily Site Visit Report

Site Photos

Viewing Direction: East



Placard

Viewing Direction: North



Southwest corner of excavation facing north

Viewing Direction: Northeast



Southwest corner of excavation facing northeast

Viewing Direction: Southwest



Southeast corner of excavation facing southwest

Daily Site Visit Report

Viewing Direction: Northwest	**Viewing Direction**: South
	
Southeast corner of excavation facing northwest	Northeast corner of excavation facing south
Viewing Direction: Southwest	**Viewing Direction**: Northeast
	
Northeast corner of excavation facing southwest	Northwest corner of excavation facing northeast

Daily Site Visit Report

Viewing Direction: Southeast



Northwest corner of excavation facing southeast

Viewing Direction: North



South end of excavation facing north

Viewing Direction: East



Area where WS25-04.3 and BS25-96 were collected

Viewing Direction: West



Area where WS25-04.3 and BS25-96 were collected

Daily Site Visit Report

Viewing Direction: West



Area where WS25-12 was collected

Viewing Direction: Southwest



Area where WS25-12 was collected

Viewing Direction: East



Area where WS25-11.1 was collected

Viewing Direction: Northeast



Area where WS25-13.1 was collected

Daily Site Visit Report

Viewing Direction: Southwest	**Viewing Direction**: Southeast
	
Area where WS25-13.1 was collected	Area where WS25-14 was collected
Viewing Direction: Southwest	**Viewing Direction**: Northeast
	
Area where WS25-15 was collected	Area where WS25-15 was collected

Daily Site Visit Report

Viewing Direction: Northeast	**Viewing Direction**: Northwest
	
Area where WS25-16.2 was collected	Area where WS25-17 was collected
Viewing Direction: South	**Viewing Direction**: Northeast
	
Area where WS25-18 was collected	Area where WS25-18 was collected

Daily Site Visit Report

Viewing Direction: Northeast	**Viewing Direction**: Southwest
	
Area where WS25-19 was collected	Area where WS25-19 was collected
Viewing Direction: South	**Viewing Direction**: Northwest
	
Area where WS25-20 was collected	Area where WS25-20 was collected

Daily Site Visit Report

Viewing Direction: Northwest	**Viewing Direction**: South
	
Area where WS25-21 was collected	Area where WS25-21 was collected
Viewing Direction: Southeast	**Viewing Direction**: East
	
Area where WS25-22 was collected	Area where WS25-22 was collected

Daily Site Visit Report

Viewing Direction: East



Area where WS25-22 was collected

Viewing Direction: East



Area where WS25-25 was collected

Viewing Direction: South



North end of excavation facing south

Daily Site Visit Report

Site Photos

Viewing Direction: North	**Viewing Direction**: West
	
BS25-268 at 3.5’ bgs	Far North side of release looking west
Viewing Direction: North	**Viewing Direction**: West
	
Far north side of release looking north to northeast corner.	Far northeast side looking west over middle of release.

Daily Site Visit Report

Viewing Direction: West	**Viewing Direction**: South
	
Furthest northeast corner looking west over northern most edge.	Furthest north side looking south-southeast to corner.
Viewing Direction: Southwest	**Viewing Direction**: South
	
Furthest north side looking south-southwest over middle.	Furthest north side looking south over middle.

Daily Site Visit Report

Viewing Direction: East	**Viewing Direction**: West
	
Furthest north side, central area looking to east area.	Furthest north side, central area looking to northwest corner.
Viewing Direction: Southeast	**Viewing Direction**: East
	
Furthest northwest corner looking southeast.	Furthest west side looking east.

Daily Site Visit Report

Viewing Direction: East	**Viewing Direction**: Southwest
	
Furthest west side looking southeast.	Furthest west side looking southwest to toe of release.

Viewing Direction: West	**Viewing Direction**: East
	
Furthest southwest toe of release.	Furthest southwest toe of release looking back east.

Daily Site Visit Report

Viewing Direction: North	**Viewing Direction**: East
	
Furthest south side looking north over middle.	Furthest south side looking to southeast area.
Viewing Direction: East	**Viewing Direction**: West
	
Southern most area.	Southern / eastern most toe looking back west.

APPENDIX C – Laboratory Data Reports and Chain of Custody Forms

CARDINAL Laboratories

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

August 29, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 08/28/25 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	08/28/2025	Sampling Date:	08/27/2025
Reported:	08/29/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: BACKFILL - 01 0' (H255383-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2025	ND	1.68	83.8	2.00	7.26	
Toluene*	<0.050	0.050	08/28/2025	ND	1.79	89.7	2.00	6.29	
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.82	91.0	2.00	4.96	
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.36	89.4	6.00	4.76	
Total BTEX	<0.300	0.300	08/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	188	94.0	200	4.23	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	198	99.1	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *99.0 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	08/28/2025	Sampling Date:	08/27/2025
Reported:	08/29/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: BACKFILL - 02 0' (H255383-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2025	ND	1.68	83.8	2.00	7.26	
Toluene*	<0.050	0.050	08/28/2025	ND	1.79	89.7	2.00	6.29	
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.82	91.0	2.00	4.96	
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.36	89.4	6.00	4.76	
Total BTEX	<0.300	0.300	08/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	188	94.0	200	4.23	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	198	99.1	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane *113 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *113 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Lea County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H255383																	
1	Backfill-01 0'	C	1			X							8.27.25	12:30	X	X	X
2	Backfill-02 0'	C	1			X							8.27.25	12:32	X	X	X

ANALYSIS REQUEST

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 8.28.25 Time: 1430	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.7 Corrected Temp. °C 2.0	Sample Condition Cool: Yes ☐ No ☐ Intact: Yes ☐ No ☐	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush: ☐ Cool: Intact: Observed Temp. °C Thermometer ID #140 Correction Factor -0.3°C 24 hr ☐ Yes ☐ No Yes ☐ No ☐ Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

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

September 05, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 09/04/25 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 01 1' (H255484-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	1.96	98.1	2.00	0.145	
Toluene*	<0.050	0.050	09/04/2025	ND	1.97	98.7	2.00	0.466	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	1.93	96.5	2.00	0.407	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	5.71	95.1	6.00	0.382	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.3 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	09/05/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *88.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *85.2 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 02 1' (H255484-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	1.96	98.1	2.00	0.145	
Toluene*	<0.050	0.050	09/04/2025	ND	1.97	98.7	2.00	0.466	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	1.93	96.5	2.00	0.407	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	5.71	95.1	6.00	0.382	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.7 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	09/05/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *85.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *82.6 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 03 1' (H255484-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	1.96	98.1	2.00	0.145	
Toluene*	<0.050	0.050	09/04/2025	ND	1.97	98.7	2.00	0.466	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	1.93	96.5	2.00	0.407	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	5.71	95.1	6.00	0.382	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.3 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	09/05/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *97.8 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *96.3 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 04 1' (H255484-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	1.96	98.1	2.00	0.145	
Toluene*	<0.050	0.050	09/04/2025	ND	1.97	98.7	2.00	0.466	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	1.93	96.5	2.00	0.407	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	5.71	95.1	6.00	0.382	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *98.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *96.1 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 05 1' (H255484-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	1.96	98.1	2.00	0.145	
Toluene*	<0.050	0.050	09/04/2025	ND	1.97	98.7	2.00	0.466	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	1.93	96.5	2.00	0.407	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	5.71	95.1	6.00	0.382	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *86.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *90.9 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 06 1' (H255484-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	1.96	98.1	2.00	0.145	
Toluene*	<0.050	0.050	09/04/2025	ND	1.97	98.7	2.00	0.466	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	1.93	96.5	2.00	0.407	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	5.71	95.1	6.00	0.382	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**704**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *98.5 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *98.0 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 07 1' (H255484-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *94.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *90.5 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 08 1' (H255484-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**736**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *99.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *97.8 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 09 1' (H255484-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *100 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 10 1' (H255484-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**832**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *99.9 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 12 1' (H255484-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**640**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *89.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *88.0 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 14 1' (H255484-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *96.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *95.1 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 15 1' (H255484-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1040**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *94.7 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *91.8 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 18 1' (H255484-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1020**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *86.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *88.3 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 22 1' (H255484-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *99.9 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *98.4 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 23 1' (H255484-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**352**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *98.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *97.5 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 24 1' (H255484-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *98.8 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 25 1' (H255484-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**672**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *100 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 26 1' (H255484-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	1.91	95.7	2.00	0.904	
Toluene*	<0.050	0.050	09/05/2025	ND	1.92	95.9	2.00	1.37	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.88	94.0	2.00	0.268	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.56	92.7	6.00	0.0281	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**848**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *95.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *93.4 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 36 1' (H255484-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.02	101	2.00	1.92	
Toluene*	<0.050	0.050	09/05/2025	ND	1.99	99.7	2.00	0.204	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.94	97.1	2.00	1.49	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.11	102	6.00	2.10	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**608**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	203	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	203	101	200	8.52	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *94.8 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *92.8 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 37 1' (H255484-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.02	101	2.00	1.92	
Toluene*	<0.050	0.050	09/05/2025	ND	1.99	99.7	2.00	0.204	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.94	97.1	2.00	1.49	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.11	102	6.00	2.10	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**880**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *85.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *77.6 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 38 1' (H255484-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.02	101	2.00	1.92	
Toluene*	<0.050	0.050	09/05/2025	ND	1.99	99.7	2.00	0.204	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.94	97.1	2.00	1.49	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.11	102	6.00	2.10	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *93.9 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *86.0 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 39 1' (H255484-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.02	101	2.00	1.92	
Toluene*	<0.050	0.050	09/05/2025	ND	1.99	99.7	2.00	0.204	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.94	97.1	2.00	1.49	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.11	102	6.00	2.10	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**544**	16.0	09/05/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *93.1 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 40 1' (H255484-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.02	101	2.00	1.92	
Toluene*	<0.050	0.050	09/05/2025	ND	1.99	99.7	2.00	0.204	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.94	97.1	2.00	1.49	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.11	102	6.00	2.10	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *93.8 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *86.6 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 45 1' (H255484-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.02	101	2.00	1.92	
Toluene*	<0.050	0.050	09/05/2025	ND	1.99	99.7	2.00	0.204	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.94	97.1	2.00	1.49	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.11	102	6.00	2.10	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**656**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *92.2 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 48 1' (H255484-26)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.02	101	2.00	1.92	
Toluene*	<0.050	0.050	09/05/2025	ND	1.99	99.7	2.00	0.204	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.94	97.1	2.00	1.49	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.11	102	6.00	2.10	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *93.3 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/29/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 49 1' (H255484-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/04/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**688**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	**35.9**	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	**37.5**	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *92.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *85.4 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 51 1' (H255484-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/04/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**656**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *94.2 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 54 1' (H255484-29)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/04/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**768**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *96.4 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 65 1' (H255484-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/04/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**528**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *109 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *103 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 66 1' (H255484-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/04/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**624**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *96.4 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 67 1' (H255484-32)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/04/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**592**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *96.0 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 68 1' (H255484-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/04/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *99.5 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *92.3 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 71 1' (H255484-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/04/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *95.9 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 73 1' (H255484-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/04/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**848**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *99.3 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 79 1' (H255484-36)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/04/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**960**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *95.0 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 83 1' (H255484-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/04/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1700**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *99.2 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 86 1' (H255484-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/04/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/04/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/04/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/04/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**784**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *99.8 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 87 1' (H255484-39)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/05/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *97.7 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *90.0 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 90 1' (H255484-40)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/05/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/05/2025	ND	209	104	200	7.15	
DRO >C10-C28*	<10.0	10.0	09/05/2025	ND	201	101	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/05/2025	ND					

Surrogate: 1-Chlorooctane *96.2 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *88.8 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: WS25 - 01 0-1' (H255484-41)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/05/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	09/05/2025	ND	432	108	400	0.00	

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	193	96.3	200	3.19	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	197	98.3	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *100 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: WS25 - 02 0-1' (H255484-42)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/05/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	193	96.3	200	3.19	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	197	98.3	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *92.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *84.9 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: WS25 - 03 0-1' (H255484-43)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/05/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	193	96.3	200	3.19	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	197	98.3	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *98.9 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *91.7 %* *40.6-153*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/04/2025	Sampling Date:	08/31/2025
Reported:	09/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 88 1' (H255484-44)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/05/2025	ND	2.05	103	2.00	1.23	
Toluene*	<0.050	0.050	09/05/2025	ND	2.08	104	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	2.06	103	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	6.19	103	6.00	1.58	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.7 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2110**	16.0	09/05/2025	ND	416	104	400	0.00	QM-07

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/04/2025	ND	193	96.3	200	3.19	
DRO >C10-C28*	<10.0	10.0	09/04/2025	ND	197	98.3	200	4.64	
EXT DRO >C28-C36	<10.0	10.0	09/04/2025	ND					

Surrogate: 1-Chlorooctane *97.8 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *89.9 %* *40.6-153*

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H255484-1	BS25-01 1'	C	1			X					✓		8.29.25	11:00	X	X	X
2	BS25-02 1'	C	1			X							8.29.25	11:05	X	X	X
3	BS25-03 1'	C	1			X							8.29.25	11:10	X	X	X
4	BS25-04 1'	C	1			X							8.29.25	11:15	X	X	X
5	BS25-05 1'	C	1			X							8.29.25	11:20	X	X	X
6	BS25-06 1'	C	1			X							8.29.25	11:25	X	X	X
7	BS25-07 1'	C	1			X							8.29.25	11:30	X	X	X
8	BS25-08 1'	C	1			X							8.29.25	11:35	X	X	X
9	BS25-09 1'	C	1			X							8.29.25	11:40	X	X	X
10	BS25-10 1'	C	1			X							8.29.25	11:45	X	X	X

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Relinquished By:	Date: 9-4-25 Time: 1310	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources Pg 1 / 5

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.8 Corrected Temp. °C 3.1	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush ☑ Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.5°C 100 24 hr ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H255484																	
11	BS25-12 1'	C	1			X							8.29.25	11:55	X	X	X
12	BS25-14 1'	C	1			X							8.29.25	12:10	X	X	X
13	BS25-15 1'	C	1			X							8.29.25	12:15	X	X	X
14	BS25-18 1'	C	1			X							8.29.25	12:25	X	X	X
15	BS25-22 1'	C	1			X							8.29.25	12:35	X	X	X
16	BS25-23 1'	C	1			X							8.29.25	12:40	X	X	X
17	BS25-24 1'	C	1			X							8.29.25	12:45	X	X	X
18	BS25-25 1'	C	1			X							8.29.25	12:50	X	X	X
19	BS25-26 1'	C	1			X							8.29.25	12:55	X	X	X
	~~BS25-31 1'~~	C	1			X							8.29.25	13:10	X	X	X

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Relinquished By:	Date: 9.4.25 Time: 1340	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources pg 2/5

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.8 Corrected Temp. °C 3.1	Sample Condition Cool Intact ☑ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) AD	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush ☑ Cool Intact Observed Temp. °C Thermometer ID #113 HNO 24 hr Correction Factor -0.5°C +0.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H255484																	
20	BS25-36 1'	C	1			X							8.29.25	13:30	X	X	X
21	BS25-37 1'	C	1			X							8.29.25	13:35	X	X	X
22	BS25-38 1'	C	1			X							8.29.25	13:40	X	X	X
23	BS25-39 1'	C	1			X							8.29.25	13:45	X	X	X
24	BS25-40 1'	C	1			X							8.29.25	13:50	X	X	X
25	BS25-45 1'	C	1			X							8.29.25	14:10	X	X	X
26	BS25-48 1'	C	1			X							8.29.25	14:20	X	X	X
27	BS25-49 1'	C	1			X							8.29.25	14:25	X	X	X
28	BS25-51 1'	C	1			X							8.31.25	8:00	X	X	X
29	BS25-54 1'	C	1			X							8.31.25	8:15	X	X	X

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Relinquished By:	Date: 9.4.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1340		All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources
	Time:	9.4.25	Pg 3/5

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.8 / 2.1 Corrected Temp. °C 1.8 / 2.1	Sample Condition Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials) AP	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush: ☑ Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.5°C +0.3° 24 hr ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name:J. Rewis	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H25524 84											✓						
30	BS25-65 1'	C	1			X							8.31.25	9:00	X	X	X
31	BS25-66 1'	C	1			X							8.31.25	9:05	X	X	X
32	BS25-67 1'	C	1			X							8.31.25	9:10	X	X	X
33	BS25-68 1'	C	1			X							8.31.25	9:15	X	X	X
34	BS25-71 1'	C	1			X							8.31.25	9:25	X	X	X
35	BS25-73 1'	C	1			X							8.31.25	9:35	X	X	X
36	BS25-79 1'	C	1			X							8.31.25	9:50	X	X	X
37	BS25-83 1'	C	1			X							8.31.25	10:20	X	X	X
38	BS25-86 1'	C	1			X							8.31.25	10:30	X	X	X
39	BS25-87 1'	C	1			X							8.31.25	10:35	X	X	X

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Relinquished By:	Date: 8.4.25 Time: 1340	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date: Time:	Received By: 8-4-25	REMARKS: Direct Bill to EOG Resources Pg 4/5

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.8 Corrected Temp. °C 1.8 3.1 2.1	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush ☑ Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.5°C 24 hr +0.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 1/13/2026 6:24:50 PM

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H255484																	
40	BS25-90 1'	C	1			X							8.31.25	11:00	X	X	X
41	WS25-01 0'-1'	C	1			X							8.31.25	13:00	X	X	X
42	WS25-02 0'-1'	C	1			X							8.31.25	13:05	X	X	X
43	WS25-03 0'-1'	C	1			X							8.31.25	13:10	X	X	X
44	BS25-88 1'	C	1			X							8.31.25	10:55	X	X	X

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Relinquished By:	Date: 9-4-25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1340		All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources
	Time:		Pg 5/5

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 18 Corrected Temp. °C 2.1	Sample Condition Cool: Yes / No Intact: Yes / No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush: ☑ Cool: Intact: Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.3°C +0.5 24 hr Yes / Yes No / No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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September 17, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 09/11/25 13:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BS 25 - 11 2'	H255694-01	Soil	09-Sep-25 10:00	11-Sep-25 13:22
BS 25 - 16 2'	H255694-02	Soil	09-Sep-25 10:05	11-Sep-25 13:22
BS 25 - 17 2'	H255694-03	Soil	09-Sep-25 10:10	11-Sep-25 13:22
BS 25 - 19 2'	H255694-04	Soil	09-Sep-25 10:15	11-Sep-25 13:22
BS 25 - 20 2'	H255694-05	Soil	09-Sep-25 10:20	11-Sep-25 13:22
BS 25 - 21 2'	H255694-06	Soil	09-Sep-25 10:25	11-Sep-25 13:22
BS 25 - 27 2'	H255694-07	Soil	09-Sep-25 10:30	11-Sep-25 13:22
BS 25 - 28 2'	H255694-08	Soil	09-Sep-25 10:35	11-Sep-25 13:22
BS 25 - 29 2'	H255694-09	Soil	09-Sep-25 10:40	11-Sep-25 13:22
BS 25 - 30 2'	H255694-10	Soil	09-Sep-25 10:45	11-Sep-25 13:22
BS 25 - 31 2'	H255694-11	Soil	09-Sep-25 10:50	11-Sep-25 13:22
BS 25 - 32 3'	H255694-12	Soil	09-Sep-25 10:55	11-Sep-25 13:22
BS 25 - 33 2'	H255694-13	Soil	09-Sep-25 11:00	11-Sep-25 13:22
BS 25 - 34 2'	H255694-14	Soil	09-Sep-25 11:05	11-Sep-25 13:22
BS 25 - 35 2'	H255694-15	Soil	09-Sep-25 11:10	11-Sep-25 13:22
BS 25 - 41 2'	H255694-16	Soil	09-Sep-25 11:15	11-Sep-25 13:22
BS 25 - 42 2'	H255694-17	Soil	09-Sep-25 11:20	11-Sep-25 13:22
BS 25 - 43 2'	H255694-18	Soil	09-Sep-25 11:25	11-Sep-25 13:22
BS 25 - 44 2'	H255694-19	Soil	09-Sep-25 11:30	11-Sep-25 13:22
BS 25 - 46 4'	H255694-20	Soil	09-Sep-25 11:35	11-Sep-25 13:22
BS 25 - 47 4'	H255694-21	Soil	09-Sep-25 11:40	11-Sep-25 13:22
BS 25 - 50 4'	H255694-22	Soil	09-Sep-25 11:45	11-Sep-25 13:22
BS 25 - 52 2'	H255694-23	Soil	09-Sep-25 11:50	11-Sep-25 13:22
BS 25 - 53 2'	H255694-24	Soil	09-Sep-25 11:55	11-Sep-25 13:22
BS 25 - 55 2'	H255694-25	Soil	09-Sep-25 12:00	11-Sep-25 13:22
BS 25 - 57 4'	H255694-26	Soil	09-Sep-25 12:05	11-Sep-25 13:22
BS 25 - 58 4'	H255694-27	Soil	09-Sep-25 12:10	11-Sep-25 13:22

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 59 4'	H255694-28	Soil	09-Sep-25 12:15	11-Sep-25 13:22
BS 25 - 60 3'	H255694-29	Soil	09-Sep-25 12:20	11-Sep-25 13:22
BS 25 - 61 4'	H255694-30	Soil	09-Sep-25 12:25	11-Sep-25 13:22
BS 25 - 62 2'	H255694-31	Soil	09-Sep-25 12:30	11-Sep-25 13:22
BS 25 - 63 2'	H255694-32	Soil	09-Sep-25 12:35	11-Sep-25 13:22
BS 25 - 69 3'	H255694-33	Soil	09-Sep-25 12:40	11-Sep-25 13:22
BS 25 - 70 4'	H255694-34	Soil	09-Sep-25 12:45	11-Sep-25 13:22
BS 25 - 72 3'	H255694-35	Soil	09-Sep-25 12:50	11-Sep-25 13:22
BS 25 - 73 3'	H255694-36	Soil	09-Sep-25 12:55	11-Sep-25 13:22
BS 25 - 74 3'	H255694-37	Soil	09-Sep-25 13:00	11-Sep-25 13:22
BS 25 - 75 3'	H255694-38	Soil	09-Sep-25 13:05	11-Sep-25 13:22
BS 25 - 76 3'	H255694-39	Soil	09-Sep-25 13:10	11-Sep-25 13:22
BS 25 - 77 3'	H255694-40	Soil	09-Sep-25 13:15	11-Sep-25 13:22
BS 25 - 78 3'	H255694-41	Soil	09-Sep-25 13:20	11-Sep-25 13:22
BS 25 - 80 3'	H255694-42	Soil	09-Sep-25 13:25	11-Sep-25 13:22
BS 25 - 81 3'	H255694-43	Soil	09-Sep-25 13:30	11-Sep-25 13:22
BS 25 - 82 3'	H255694-44	Soil	09-Sep-25 13:35	11-Sep-25 13:22
BS 25 - 84 3'	H255694-45	Soil	09-Sep-25 13:40	11-Sep-25 13:22
BS 25 - 85 4'	H255694-46	Soil	09-Sep-25 13:45	11-Sep-25 13:22
BS 25 - 89 3'	H255694-47	Soil	09-Sep-25 13:50	11-Sep-25 13:22
BS 25 - 91 4'	H255694-48	Soil	09-Sep-25 13:55	11-Sep-25 13:22
BS 25 - 56 2'	H255694-49	Soil	09-Sep-25 14:00	11-Sep-25 13:22
BS 25 - 06 2'	H255694-50	Soil	09-Sep-25 14:05	11-Sep-25 13:22
BS 25 - 08 2'	H255694-51	Soil	09-Sep-25 14:08	11-Sep-25 13:22
BS 25 - 10 2'	H255694-52	Soil	09-Sep-25 14:10	11-Sep-25 13:22
BS 25 - 12 2'	H255694-53	Soil	09-Sep-25 14:13	11-Sep-25 13:22
BS 25 - 13 2'	H255694-54	Soil	09-Sep-25 14:15	11-Sep-25 13:22
BS 25 - 15 2'	H255694-55	Soil	09-Sep-25 14:18	11-Sep-25 13:22
BS 25 - 18 2'	H255694-56	Soil	09-Sep-25 14:20	11-Sep-25 13:22
BS 25 - 25 2'	H255694-57	Soil	09-Sep-25 14:23	11-Sep-25 13:22

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 26 2'	H255694-58	Soil	09-Sep-25 14:25	11-Sep-25 13:22
BS 25 - 36 2'	H255694-59	Soil	09-Sep-25 14:28	11-Sep-25 13:22
BS 25 - 45 2'	H255694-60	Soil	09-Sep-25 14:30	11-Sep-25 13:22
BS 25 - 49 2'	H255694-61	Soil	09-Sep-25 14:33	11-Sep-25 13:22
BS 25 - 51 2'	H255694-62	Soil	09-Sep-25 14:35	11-Sep-25 13:22
BS 25 - 54 2'	H255694-63	Soil	09-Sep-25 14:38	11-Sep-25 13:22
BS 25 - 66 2'	H255694-64	Soil	09-Sep-25 14:40	11-Sep-25 13:22
BS 25 - 92 1'	H255694-65	Soil	09-Sep-25 14:43	11-Sep-25 13:22
BS 25 - 37 4'	H255694-66	Soil	09-Sep-25 14:45	11-Sep-25 13:22
BS 25 - 79 4'	H255694-67	Soil	09-Sep-25 14:48	11-Sep-25 13:22
BS 25 - 83 3'	H255694-68	Soil	09-Sep-25 14:50	11-Sep-25 13:22
BS 25 - 86 4'	H255694-69	Soil	09-Sep-25 14:53	11-Sep-25 13:22
BS 25 - 88 3'	H255694-70	Soil	09-Sep-25 14:55	11-Sep-25 13:22
BS 25 - 93 3'	H255694-71	Soil	09-Sep-25 14:58	11-Sep-25 13:22
BS 25 - 94 1'	H255694-72	Soil	09-Sep-25 15:00	11-Sep-25 13:22
BS 25 - 95 1'	H255694-73	Soil	09-Sep-25 15:03	11-Sep-25 13:22
BS 25 - 64 2'	H255694-74	Soil	09-Sep-25 15:05	11-Sep-25 13:22
WS 25 - 05 0-2'	H255694-75	Soil	09-Sep-25 15:10	11-Sep-25 13:22
WS 25 - 06 1-2'	H255694-76	Soil	09-Sep-25 15:15	11-Sep-25 13:22
WS 25 - 07 1-2'	H255694-77	Soil	09-Sep-25 15:20	11-Sep-25 13:22
WS 25 - 08 1-3'	H255694-78	Soil	09-Sep-25 15:25	11-Sep-25 13:22
WS 25 - 09 1-3'	H255694-79	Soil	09-Sep-25 15:30	11-Sep-25 13:22
WS 25 - 10 1-2'	H255694-80	Soil	09-Sep-25 15:35	11-Sep-25 13:22

09/11/25 - Client changed the sample ID on -78 (see COC). This is the revised report and will replace the one sent on 09/12/25.

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 11 2'

H255694-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5091210	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	11-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	11-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	11-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*84.1 %*	*44.4-145*		*5091134*	MS	*11-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.3 %*	*40.6-153*		*5091134*	MS	*11-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 16 2'

H255694-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**96.0**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	11-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	11-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	11-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*77.8 %*	*44.4-145*		*5091134*	MS	*11-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.2 %*	*40.6-153*		*5091134*	MS	*11-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 17 2'

H255694-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*70.6 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*68.6 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 19 2'

H255694-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*84.8 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.0 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 20 2'

H255694-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**288**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*77.1 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.8 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 21 2'

H255694-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*85.5 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.9 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 27 2'

H255694-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*85.0 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.3 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 28 2'

H255694-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*83.5 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.6 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 29 2'

H255694-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*89.4 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*87.9 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 30 2'

H255694-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**352**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*114 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*85.3 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.1 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 31 2'

H255694-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**384**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*77.3 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.2 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 32 3'

H255694-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*73.2 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*70.5 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 33 2'

H255694-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**336**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*115 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*80.6 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.9 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 34 2'

H255694-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*77.4 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.2 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 35 2'

H255694-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**128**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*76.4 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.3 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 41 2'

H255694-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**416**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*81.8 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.3 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 42 2'

H255694-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**304**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*81.5 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.2 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 43 2'

H255694-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**304**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*77.8 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.9 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 44 2'

H255694-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*82.3 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.4 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 46 4'

H255694-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**368**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091139	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*71.5-134*		*5091139*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091134	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*83.7 %*	*44.4-145*		*5091134*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.8 %*	*40.6-153*		*5091134*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 47 4'

H255694-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	5091222	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*123 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*81.4 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.6 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 50 4'

H255694-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**480**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*128 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*84.1 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.6 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 52 2'

H255694-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*123 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*78.5 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.6 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 53 2'

H255694-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*125 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*77.7 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*72.8 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

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BS 25 - 55 2'

H255694-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**128**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*123 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*82.2 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.1 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 57 4'

H255694-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**400**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*120 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*82.0 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.3 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 58 4'

H255694-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**448**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*126 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*82.5 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.0 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 59 4'

H255694-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*121 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*84.2 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.1 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 60 3'

H255694-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*127 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*78.6 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.7 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 61 4'

H255694-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**16.0**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*126 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*76.2 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*70.7 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 62 2'

H255694-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*126 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*77.2 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.6 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 63 2'

H255694-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**352**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*129 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*80.0 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.1 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

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BS 25 - 69 3'

H255694-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**96.0**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*123 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*73.4 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*69.1 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 70 4'

H255694-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*124 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*81.6 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.7 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 72 3'

H255694-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**112**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*123 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*83.6 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.6 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 73 3'

H255694-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*125 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*79.9 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.7 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 74 3'

H255694-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*123 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*77.7 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*72.5 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 75 3'

H255694-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**336**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*127 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*81.2 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.3 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 76 3'

H255694-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**320**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*127 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*81.2 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.5 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 77 3'

H255694-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**112**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091140	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*125 %*	*71.5-134*		*5091140*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091135	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*79.4 %*	*44.4-145*		*5091135*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.5 %*	*40.6-153*		*5091135*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 78 3'

H255694-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5091220	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	11-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	11-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	11-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*78.5 %*	*44.4-145*		*5091136*	MS	*11-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*70.8 %*	*40.6-153*		*5091136*	MS	*11-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 80 3'

H255694-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**480**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	11-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	11-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	11-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*86.3 %*	*44.4-145*		*5091136*	MS	*11-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.8 %*	*40.6-153*		*5091136*	MS	*11-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 81 3'

H255694-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*89.9 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.8 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 82 3'

H255694-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*83.7 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.2 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 84 3'

H255694-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**272**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*84.0 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.7 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 85 4'

H255694-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*86.2 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.3 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 89 3'

H255694-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*86.7 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.5 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 91 4'

H255694-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**432**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*87.2 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.8 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 56 2'

H255694-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**160**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*88.7 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.2 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 06 2'

H255694-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**512**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*87.4 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.9 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 08 2'

H255694-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*98.5 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*91.1 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 10 2'

H255694-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*104 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*96.0 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 12 2'

H255694-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**400**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*103 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*94.7 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 13 2'

H255694-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**432**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*105 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*96.5 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 15 2'

H255694-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*5091141*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*101 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*92.7 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 18 2'

H255694-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*71.5-134*		*5091141*	JH	*12-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*104 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*95.5 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 25 2'

H255694-57 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*5091141*	JH	*12-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*105 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*96.1 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 26 2'

H255694-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*71.5-134*		*5091141*	JH	*12-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*106 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*98.1 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 36 2'

H255694-59 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**480**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*5091141*	JH	*12-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*106 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*96.4 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 45 2'

H255694-60 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091141	JH	12-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*71.5-134*		*5091141*	JH	*12-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091136	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*113 %*	*44.4-145*		*5091136*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*104 %*	*40.6-153*		*5091136*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 49 2'

H255694-61 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**464**		16.0	mg/kg	4	5091224	KH	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*89.6 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	11-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	11-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	11-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*95.7 %*	*44.4-145*		*5091137*	MS	*11-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*103 %*	*40.6-153*		*5091137*	MS	*11-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 51 2'

H255694-62 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*89.6 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*99.6 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*106 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 54 2'

H255694-63 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**96.0**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*89.8 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*99.8 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*107 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 66 2'

H255694-64 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*90.8 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*99.3 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*106 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 92 1'

H255694-65 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**496**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*89.8 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*97.7 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*106 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 37 4'

H255694-66 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*90.1 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*106 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*114 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 79 4'

H255694-67 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**432**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*89.8 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*100 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*107 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 83 3'

H255694-68 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*90.4 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*101 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*108 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 86 4'

H255694-69 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*90.3 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*102 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*109 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 88 3'

H255694-70 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*90.1 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*103 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*108 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 93 3'

H255694-71 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*90.2 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*101 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*110 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 94 1'

H255694-72 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**304**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*89.9 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*96.4 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*103 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 95 1'

H255694-73 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**464**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*90.3 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*97.3 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*104 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

BS 25 - 64 2'

H255694-74 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*90.1 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*103 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*109 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

WS 25 - 05 0-2'

H255694-75 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**96.0**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*89.9 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*96.3 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*103 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

WS 25 - 06 1-2'

H255694-76 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**304**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	11-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*90.4 %*	*71.5-134*		*5091142*	JH	*11-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*102 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*110 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

WS 25 - 07 1-2'

H255694-77 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**384**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*90.4 %*	*71.5-134*		*5091142*	JH	*12-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*102 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*110 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

WS 25 - 08 1-3'

H255694-78 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*89.6 %*	*71.5-134*		*5091142*	JH	*12-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*106 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*113 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

WS 25 - 09 1-3'

H255694-79 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**448**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*89.8 %*	*71.5-134*		*5091142*	JH	*12-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*103 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*110 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

WS 25 - 10 1-2'

H255694-80 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**400**		16.0	mg/kg	4	5091223	HM	12-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091142	JH	12-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*89.8 %*	*71.5-134*		*5091142*	JH	*12-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091137	MS	12-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*95.6 %*	*44.4-145*		*5091137*	MS	*12-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*101 %*	*40.6-153*		*5091137*	MS	*12-Sep-25*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5091210 - 1:4 DI Water										
Blank (5091210-BLK1)				Prepared & Analyzed: 12-Sep-25						
Chloride	ND	16.0	mg/kg							
LCS (5091210-BS1)				Prepared & Analyzed: 12-Sep-25						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (5091210-BSD1)				Prepared & Analyzed: 12-Sep-25						
Chloride	448	16.0	mg/kg	400		112	80-120	7.41	20	
Batch 5091220 - 1:4 DI Water										
Blank (5091220-BLK1)				Prepared & Analyzed: 12-Sep-25						
Chloride	ND	16.0	mg/kg							
LCS (5091220-BS1)				Prepared & Analyzed: 12-Sep-25						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5091220-BSD1)				Prepared & Analyzed: 12-Sep-25						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 5091222 - 1:4 DI Water										
Blank (5091222-BLK1)				Prepared & Analyzed: 12-Sep-25						
Chloride	ND	16.0	mg/kg							
LCS (5091222-BS1)				Prepared & Analyzed: 12-Sep-25						
Chloride	432	16.0	mg/kg	400		108	80-120			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5091222 - 1:4 DI Water										
LCS Dup (5091222-BSD1)				Prepared & Analyzed: 12-Sep-25						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 5091223 - 1:4 DI Water										
Blank (5091223-BLK1)				Prepared & Analyzed: 12-Sep-25						
Chloride	ND	16.0	mg/kg							
LCS (5091223-BS1)				Prepared & Analyzed: 12-Sep-25						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5091223-BSD1)				Prepared & Analyzed: 12-Sep-25						
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 5091224 - 1:4 DI Water										
Blank (5091224-BLK1)				Prepared & Analyzed: 12-Sep-25						
Chloride	ND	16.0	mg/kg							
LCS (5091224-BS1)				Prepared & Analyzed: 12-Sep-25						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5091224-BSD1)				Prepared & Analyzed: 12-Sep-25						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5091139 - Volatiles										
Blank (5091139-BLK1)				Prepared & Analyzed: 11-Sep-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0551*		mg/kg	*0.0500*		*110*	*71.5-134*			
LCS (5091139-BS1)				Prepared & Analyzed: 11-Sep-25						
Benzene	1.90	0.050	mg/kg	2.00		95.0	76.3-129			
Toluene	1.89	0.050	mg/kg	2.00		94.3	84.1-129			
Ethylbenzene	1.84	0.050	mg/kg	2.00		92.1	80.1-133			
m,p-Xylene	3.82	0.100	mg/kg	4.00		95.5	81.4-134			
o-Xylene	1.87	0.050	mg/kg	2.00		93.6	81.4-133			
Total Xylenes	5.69	0.150	mg/kg	6.00		94.8	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0485*		mg/kg	*0.0500*		*97.0*	*71.5-134*			
LCS Dup (5091139-BSD1)				Prepared & Analyzed: 11-Sep-25						
Benzene	1.94	0.050	mg/kg	2.00		96.9	76.3-129	2.05	15.8	
Toluene	1.96	0.050	mg/kg	2.00		97.9	84.1-129	3.64	15.9	
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.7	80.1-133	4.96	16	
m,p-Xylene	3.99	0.100	mg/kg	4.00		99.7	81.4-134	4.34	16.2	
o-Xylene	1.94	0.050	mg/kg	2.00		96.9	81.4-133	3.43	16.7	
Total Xylenes	5.93	0.150	mg/kg	6.00		98.8	81.5-134	4.04	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0477*		mg/kg	*0.0500*		*95.3*	*71.5-134*			
Batch 5091140 - Volatiles										
Blank (5091140-BLK1)				Prepared & Analyzed: 11-Sep-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5091140 - Volatiles										
Blank (5091140-BLK1)				Prepared & Analyzed: 11-Sep-25						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0611*		mg/kg	*0.0500*		*122*	*71.5-134*			
LCS (5091140-BS1)				Prepared & Analyzed: 11-Sep-25						
Benzene	2.12	0.050	mg/kg	2.00		106	76.3-129			
Toluene	2.07	0.050	mg/kg	2.00		104	84.1-129			
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	80.1-133			
m,p-Xylene	4.21	0.100	mg/kg	4.00		105	81.4-134			
o-Xylene	2.10	0.050	mg/kg	2.00		105	81.4-133			
Total Xylenes	6.32	0.150	mg/kg	6.00		105	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0533*		mg/kg	*0.0500*		*107*	*71.5-134*			
LCS Dup (5091140-BSD1)				Prepared & Analyzed: 11-Sep-25						
Benzene	2.15	0.050	mg/kg	2.00		107	76.3-129	1.08	15.8	
Toluene	2.10	0.050	mg/kg	2.00		105	84.1-129	1.52	15.9	
Ethylbenzene	2.05	0.050	mg/kg	2.00		103	80.1-133	1.66	16	
m,p-Xylene	4.33	0.100	mg/kg	4.00		108	81.4-134	2.69	16.2	
o-Xylene	2.15	0.050	mg/kg	2.00		108	81.4-133	2.45	16.7	
Total Xylenes	6.48	0.150	mg/kg	6.00		108	81.5-134	2.61	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0540*		mg/kg	*0.0500*		*108*	*71.5-134*			
Batch 5091141 - Volatiles										
Blank (5091141-BLK1)				Prepared & Analyzed: 11-Sep-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0519*		mg/kg	*0.0500*		*104*	*71.5-134*			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5091141 - Volatiles										
LCS (5091141-BS1)				Prepared & Analyzed: 11-Sep-25						
Benzene	2.06	0.050	mg/kg	2.00		103	76.3-129			
Toluene	2.13	0.050	mg/kg	2.00		106	84.1-129			
Ethylbenzene	2.11	0.050	mg/kg	2.00		106	80.1-133			
m,p-Xylene	4.15	0.100	mg/kg	4.00		104	81.4-134			
o-Xylene	2.05	0.050	mg/kg	2.00		102	81.4-133			
Total Xylenes	6.20	0.150	mg/kg	6.00		103	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0500*		mg/kg	*0.0500*		*100*	*71.5-134*			
LCS Dup (5091141-BSD1)				Prepared & Analyzed: 11-Sep-25						
Benzene	2.07	0.050	mg/kg	2.00		104	76.3-129	0.748	15.8	
Toluene	2.21	0.050	mg/kg	2.00		110	84.1-129	3.82	15.9	
Ethylbenzene	2.22	0.050	mg/kg	2.00		111	80.1-133	4.89	16	
m,p-Xylene	4.38	0.100	mg/kg	4.00		110	81.4-134	5.39	16.2	
o-Xylene	2.09	0.050	mg/kg	2.00		105	81.4-133	2.09	16.7	
Total Xylenes	6.47	0.150	mg/kg	6.00		108	81.5-134	4.31	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0516*		mg/kg	*0.0500*		*103*	*71.5-134*			
Batch 5091142 - Volatiles										
Blank (5091142-BLK1)				Prepared & Analyzed: 11-Sep-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*90.0*	*71.5-134*			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5091142 - Volatiles										
LCS (5091142-BS1)				Prepared & Analyzed: 11-Sep-25						
Benzene	1.99	0.050	mg/kg	2.00		99.3	76.3-129			
Toluene	1.98	0.050	mg/kg	2.00		98.8	84.1-129			
Ethylbenzene	1.92	0.050	mg/kg	2.00		95.8	80.1-133			
m,p-Xylene	3.77	0.100	mg/kg	4.00		94.1	81.4-134			
o-Xylene	1.86	0.050	mg/kg	2.00		92.8	81.4-133			
Total Xylenes	5.62	0.150	mg/kg	6.00		93.7	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0438*		mg/kg	*0.0500*		*87.7*	*71.5-134*			
LCS Dup (5091142-BSD1)				Prepared & Analyzed: 11-Sep-25						
Benzene	1.98	0.050	mg/kg	2.00		98.9	76.3-129	0.396	15.8	
Toluene	2.00	0.050	mg/kg	2.00		99.9	84.1-129	1.15	15.9	
Ethylbenzene	1.92	0.050	mg/kg	2.00		95.9	80.1-133	0.0550	16	
m,p-Xylene	3.76	0.100	mg/kg	4.00		93.9	81.4-134	0.259	16.2	
o-Xylene	1.85	0.050	mg/kg	2.00		92.6	81.4-133	0.280	16.7	
Total Xylenes	5.61	0.150	mg/kg	6.00		93.5	81.5-134	0.266	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0443*		mg/kg	*0.0500*		*88.7*	*71.5-134*			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5091134 - General Prep - Organics										
Blank (5091134-BLK1)				Prepared & Analyzed: 11-Sep-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*42.8*		mg/kg	*50.0*		*85.5*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*43.4*		mg/kg	*50.0*		*86.7*	*40.6-153*			
LCS (5091134-BS1)				Prepared & Analyzed: 11-Sep-25						
GRO C6-C10	182	10.0	mg/kg	200		91.1	81.5-123			
DRO >C10-C28	170	10.0	mg/kg	200		84.8	77.7-122			
Total TPH C6-C28	352	10.0	mg/kg	400		88.0	80.9-121			
Surrogate: 1-Chlorooctane	*51.8*		mg/kg	*50.0*		*104*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*51.6*		mg/kg	*50.0*		*103*	*40.6-153*			
LCS Dup (5091134-BSD1)				Prepared & Analyzed: 11-Sep-25						
GRO C6-C10	193	10.0	mg/kg	200		96.3	81.5-123	5.55	13	
DRO >C10-C28	190	10.0	mg/kg	200		95.0	77.7-122	11.3	15.6	
Total TPH C6-C28	383	10.0	mg/kg	400		95.6	80.9-121	8.38	18.5	
Surrogate: 1-Chlorooctane	*53.5*		mg/kg	*50.0*		*107*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*55.9*		mg/kg	*50.0*		*112*	*40.6-153*			
Batch 5091135 - General Prep - Organics										
Blank (5091135-BLK1)				Prepared: 11-Sep-25 Analyzed: 12-Sep-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*46.6*		mg/kg	*50.0*		*93.2*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*45.5*		mg/kg	*50.0*		*90.9*	*40.6-153*			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5091135 - General Prep - Organics										
LCS (5091135-BS1)				Prepared & Analyzed: 11-Sep-25						
GRO C6-C10	184	10.0	mg/kg	200		92.0	81.5-123			
DRO >C10-C28	183	10.0	mg/kg	200		91.3	77.7-122			
Total TPH C6-C28	366	10.0	mg/kg	400		91.6	80.9-121			
Surrogate: 1-Chlorooctane	*52.3*		mg/kg	*50.0*		*105*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*50.6*		mg/kg	*50.0*		*101*	*40.6-153*			
LCS Dup (5091135-BSD1)				Prepared & Analyzed: 11-Sep-25						
GRO C6-C10	191	10.0	mg/kg	200		95.7	81.5-123	4.00	13	
DRO >C10-C28	183	10.0	mg/kg	200		91.6	77.7-122	0.402	15.6	
Total TPH C6-C28	375	10.0	mg/kg	400		93.7	80.9-121	2.22	18.5	
Surrogate: 1-Chlorooctane	*53.2*		mg/kg	*50.0*		*106*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*53.7*		mg/kg	*50.0*		*107*	*40.6-153*			
Batch 5091136 - General Prep - Organics										
Blank (5091136-BLK1)				Prepared & Analyzed: 11-Sep-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*50.3*		mg/kg	*50.0*		*101*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*47.1*		mg/kg	*50.0*		*94.3*	*40.6-153*			
LCS (5091136-BS1)				Prepared & Analyzed: 11-Sep-25						
GRO C6-C10	181	10.0	mg/kg	200		90.5	81.5-123			
DRO >C10-C28	185	10.0	mg/kg	200		92.4	77.7-122			
Total TPH C6-C28	366	10.0	mg/kg	400		91.5	80.9-121			
Surrogate: 1-Chlorooctane	*54.2*		mg/kg	*50.0*		*108*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*52.3*		mg/kg	*50.0*		*105*	*40.6-153*			

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Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 24A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 17-Sep-25 14:49

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5091136 - General Prep - Organics										
LCS Dup (5091136-BSD1)				Prepared & Analyzed: 11-Sep-25						
GRO C6-C10	181	10.0	mg/kg	200		90.4	81.5-123	0.155	13	
DRO >C10-C28	184	10.0	mg/kg	200		92.1	77.7-122	0.345	15.6	
Total TPH C6-C28	365	10.0	mg/kg	400		91.2	80.9-121	0.251	18.5	
Surrogate: 1-Chlorooctane	*56.1*		mg/kg	*50.0*		*112*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*53.8*		mg/kg	*50.0*		*108*	*40.6-153*			
Batch 5091137 - General Prep - Organics										
Blank (5091137-BLK1)				Prepared & Analyzed: 11-Sep-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*47.9*		mg/kg	*50.0*		*95.8*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*50.7*		mg/kg	*50.0*		*101*	*40.6-153*			
LCS (5091137-BS1)				Prepared: 11-Sep-25 Analyzed: 12-Sep-25						
GRO C6-C10	179	10.0	mg/kg	200		89.6	81.5-123			
DRO >C10-C28	187	10.0	mg/kg	200		93.5	77.7-122			
Total TPH C6-C28	366	10.0	mg/kg	400		91.6	80.9-121			
Surrogate: 1-Chlorooctane	*53.0*		mg/kg	*50.0*		*106*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*57.3*		mg/kg	*50.0*		*115*	*40.6-153*			
LCS Dup (5091137-BSD1)				Prepared & Analyzed: 11-Sep-25						
GRO C6-C10	183	10.0	mg/kg	200		91.4	81.5-123	1.93	13	
DRO >C10-C28	193	10.0	mg/kg	200		96.3	77.7-122	2.89	15.6	
Total TPH C6-C28	375	10.0	mg/kg	400		93.8	80.9-121	2.42	18.5	
Surrogate: 1-Chlorooctane	*53.6*		mg/kg	*50.0*		*107*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*59.1*		mg/kg	*50.0*		*118*	*40.6-153*			

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name:	Fax #:

FOR LAB USE ONLY

Lab I.D. H255694

	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
1	BS25-11 2'	C	1			X							9.9.25	10:00	X	X	X
2	BS25-16 2'	C	1			X							9.9.25	10:05	X	X	X
3	BS25-17 2'	C	1			X							9.9.25	10:10	X	X	X
4	BS25-19 2'	C	1			X							9.9.25	10:15	X	X	X
5	BS25-20 2'	C	1			X							9.9.25	10:20	X	X	X
6	BS25-21 2'	C	1			X							9.9.25	10:25	X	X	X
7	BS25-27 2'	C	1			X							9.9.25	10:30	X	X	X
8	BS25-28 2'	C	1			X							9.9.25	10:35	X	X	X
9	BS25-29 2'	C	1			X							9.9.25	10:40	X	X	X
10	BS25-30 2'	C	1			X							9.9.25	10:45	X	X	X

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Relinquished By:	Date: 9-11-25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1322		All Results are emailed. Please provide Email address: cdixon@vertexresource.com, aludvig@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.4 Corrected Temp. °C 2.7	Sample Condition Cool: Yes Intact: Yes	CHECKED BY: (Initials) T.O.	Turnaround Time: Standard ☐ Rush: 24hr ☐ Thermometer ID #140 Correction Factor +0.3c

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)		**BILL TO**	
Project Manager: Chance Dixon		P.O. #:	
Address: 3101 Boyd Drive		Company: EOG Resources, Inc.	
City: Carlsbad State: NM	Zip: 88220	Attn: Chase Settle	
Phone #: 575.725.5001	Fax #:	Address: 5509 Champions Drive	
Project #: 25A-01241	Project Owner: EOG Resources, Inc.	City: Midland	
Project Name: Stark 5 Federal Com #701H		State: TX Zip: 79706	
Project Location: Eddy County		Phone #: 575-703-6537	
Sampler Name:		Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL ✓	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H255694																	
11	BS25-31 2'	C	1			X							9.9.25	10:50	X	X	X
12	BS25-32 3'	C	1			X							9.9.25	10:55	X	X	X
13	BS25-33 2'	C	1			X							9.9.25	11:00	X	X	X
14	BS25-34 2'	C	1			X							9.9.25	11:05	X	X	X
15	BS25-35 2'	C	1			X							9.9.25	11:10	X	X	X
16	BS25-41 2'	C	1			X							9.9.25	11:15	X	X	X
17	BS25-42 2'	C	1			X							9.9.25	11:20	X	X	X
18	BS25-43 2'	C	1			X							9.9.25	11:25	X	X	X
19	BS25-44 2'	C	1			X							9.9.25	11:30	X	X	X
20	BS25-46 4'	C	1			X							9.9.25	11:35	X	X	X

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Relinquished By:	Date: 9-11-25 Time: 1322	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, aludvig@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.4 Corrected Temp. °C 2.7	Sample Condition Cool: Yes Intact: Yes	CHECKED BY: (Initials)

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush: 24hrs Cool: Intact: Observed Temp. °C
Thermometer ID #113 Correction Factor -0.3°C #140 +0.3c
Yes Yes / No No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name:	Fax #:

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Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H255694-21	BS25-47 4'	C	1			X							9.9.25	11:40	X	X	X
22	BS25-50 4'	C	1			X							9.9.25	11:45	X	X	X
23	BS25-52 2'	C	1			X							9.9.25	11:50	X	X	X
24	BS25-53 2'	C	1			X							9.9.25	11:55	X	X	X
25	BS25-55 2'	C	1			X							9.9.25	12:00	X	X	X
26	BS25-57 4'	C	1			X							9.9.25	12:05	X	X	X
27	BS25-58 4'	C	1			X							9.9.25	12:10	X	X	X
28	BS25-59 4'	C	1			X							9.9.25	12:15	X	X	X
29	BS25-60 3' AL 9.9.25	C	1			X							9.9.25	12:20	X	X	X
30	BS25-61 4'	C	1			X							9.9.25	12:25	X	X	X

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Relinquished By:	Date: 9-11-25 Time: 1322	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, aludvig@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.4 Corrected Temp. °C 3.7	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush 24hr ☒ Cool Intact Observed Temp. °C
Thermometer ID #140
Correction Factor -0.3°C +0.3c
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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

Company Name: Vertex Resource Services (Direct Bill to EOG)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name:	Fax #:

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Lab I.D. H255694

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
31	BS25-62 2'	C	1			X							9.9.25	12:30	X	X	X
32	BS25-63 2'	C	1			X							9.9.25	12:35	X	X	X
33	BS25-69 3'	C	1			X							9.9.25	12:40	X	X	X
34	BS25-70 4'	C	1			X							9.9.25	12:45	X	X	X
35	BS25-72 3'	C	1			X							9.9.25	12:50	X	X	X
36	BS25-73 3'	C	1			X							9.9.25	12:55	X	X	X
37	BS25-74 3'	C	1			X							9.9.25	13:00	X	X	X
38	BS25-75 3'	C	1			X							9.9.25	13:05	X	X	X
39	BS25-76 3'	C	1			X							9.9.25	13:10	X	X	X
40	BS25-77 3'	C	1			X							9.9.25	13:15	X	X	X

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Relinquished By:	Date: 9-11-25 Time: 1322	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, aludvig@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.4 Corrected Temp. °C 3.7	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush 24hr ☑ Cool Intact Observed Temp. °C
Thermometer ID #113 #140
Correction Factor -0.5 +0.3c
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Vertex Resource Services (Direct Bill to EOG)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name:	Fax #:

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Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H255694											✓						
41	BS25-78 3'	C	1			X							9.9.25	13:20	X	X	X
42	BS25-80 3'	C	1			X							9.9.25	13:25	X	X	X
43	BS25-81 3'	C	1			X							9.9.25	13:30	X	X	X
44	BS25-82 3'	C	1			X							9.9.25	13:35	X	X	X
45	BS25-84 3'	C	1			X							9.9.25	13:40	X	X	X
46	BS25-85 4' AL 9.9.25	C	1			X							9.9.25	13:45	X	X	X
47	BS25-89 3'	C	1			X							9.9.25	13:50	X	X	X
48	BS25-91 4'	C	1			X							9.9.25	13:55	X	X	X
49	BS25-56 2'	C	1			X							9.9.25	14:00	X	X	X

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Relinquished By:	Date: 9-11-25	Received By:	Verbal Result: ☐ Yes ☐ No — Add'l Phone #:
	Time: 1322		All Results are emailed. Please provide Email address: cdixon@vertexresource.com, aludvig@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: 2.4 Corrected Temp. °C: 2.7	Sample Condition: Cool ✓ Intact ✓	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush 24 hr X — Thermometer ID: #140 — Correction Factor: +0.3c

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Verex Resource Services (Direct Bill to EOG)	**BILL TO**
Project Manager: Chance Dizon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575.703.6537
Sampler Name: A. Ludvik	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H25 51814																	
50	BS25-06 2'	C	1			X					X		9.9.25	14:05	X	X	X
51	BS25-08 2'	C	1			X					X		9.9.25	14:08	X	X	X
52	BS25-10 2'	C	1			X					X		9.9.25	14:10	X	X	X
53	BS25-12 2'	C	1			X					X		9.9.25	14:13	X	X	X
54	BS25-13 2'	C	1			X					X		9.9.25	14:15	X	X	X
55	BS25-15 2'	C	1			X					X		9.9.25	14:18	X	X	X
56	BS25-18 2'	C	1			X					X		9.9.25	14:20	X	X	X
57	BS25-25 2'	C	1			X					X		9.9.25	14:23	X	X	X
58	BS25-26 2'	C	1			X					X		9.9.25	14:25	X	X	X
59	BS25-36 2'	C	1			X					X		9.9.25	14:28	X	X	X

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Relinquished By:	Date: 9-11-25 Time: 1322	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			Please Email Results: cdixon@vertexresource.com), aludvik@vertexresource.com, permian@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources, Inc.

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.4 Corrected Temp. °C 2.7	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush ☒ Cool Intact Observed Temp. °C 24hr Thermometer ID #113 #140 Correction Factor -0.3°C +0.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Verex Resource Services (Direct Bill to EOG)	**BILL TO**
Project Manager: Chance Dizon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575.703.6537
Sampler Name: A. Ludvik	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H25694																	
60	BS25-45 2'	C	1			X					X		9.9.25	14:30	X	X	X
61	BS25-49 2'	C	1			X					X		9.9.25	14:33	X	X	X
62	BS25-51 2'	C	1			X					X		9.9.25	14:35	X	X	X
63	BS25-54 2'	C	1			X					X		9.9.25	14:38	X	X	X
64	BS25-66 2'	C	1			X					X		9.9.25	14:40	X	X	X
65	BS25-92 1'	C	1			X					X		9.9.25	14:43	X	X	X
66	BS25-37 4'	C	1			X					X		9.9.25	14:45	X	X	X
67	BS25-79 4'	C	1			X					X		9.9.25	14:48	X	X	X
68	BS25-83 3'	C	1			X					X		9.9.25	14:50	X	X	X
69	BS25-86 4'	C	1			X					X		9.9.25	14:53	X	X	X

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Relinquished By:	Date: 9-11-25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1322		Please Email Results: cdixon@vertexresource.com), aludvik@vertexresource.com, permian@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources, Inc.
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.4 Corrected Temp. °C 2.7	Sample Condition Cool: Yes ☑ / No ☐ Intact: Yes ☑ / No ☐	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush 24 hr ☒ Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.5°C +0.3c Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Verex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dizon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575.703.6537
Sampler Name: A. Ludvik	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H255694																	
70	BS25-88 3'	C	1			X					X		9.9.25	14:55	X	X	X
71	BS25-93 3'	C	1			X					X		9.9.25	14:58	X	X	X
72	BS25-94 1'	C	1			X					X		9.9.25	15:00	X	X	X
73	BS25-95 1'	C	1			X					X		9.9.25	15:03	X	X	X
74	BS25-64 2'	C	1			X					X		9.9.25	15:05	X	X	X
75	WS25-05 0-2'	C	1			X					X		9.9.25	15:10	X	X	X
76	WS25-06 1-2'	C	1			X					X		9.9.25	15:15	X	X	X
77	WS25-07 1-2'	C	1			X					X		9.9.25	15:20	X	X	X
78	WS25-08 1-3' *	C	1			X					X		9.9.25	15:25	X	X	X
79	WS25-09 1-3'	C	1			X					X		9.9.25	15:30	X	X	X

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Relinquished By:	Date: 9-11-25 Time: 1322	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			Please Email Results: cdixon@vertexresource.com), aludvik@vertexresource.com, permian@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources, Inc. * Customer requested Depth changes. 9/17/25

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.4 Corrected Temp. °C 3.7	Sample Condition Cool Intact ☑ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush: 24 hr ☒ Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.5°C +0.3c ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Verex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dizon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575.703.6537
Sampler Name: A. Ludvik	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H255694																	
80	WS25-10 1-2'	C	1			X					X		9.9.25	15:35	X	X	X

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Relinquished By:	Date: 9.11.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1322		Please Email Results: cdixon@vertexresource.com), aludvik@vertexresource.com, permian@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources, Inc.
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.4 Corrected Temp. °C 2.7	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush: ☒ Cool Intact Observed Temp. °C 24 hr Thermometer ID #113 #140 Correction Factor -0.5°C +0.3c ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

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

September 15, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 09/12/25 10:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 04.3 1-2' (H255735-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	09/12/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	194	97.0	200	2.36	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	186	92.8	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *104 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 11.1 1-4' (H255735-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	09/12/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	194	97.0	200	2.36	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	186	92.8	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *117 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *115 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 12 2-4' (H255735-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	09/12/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	194	97.0	200	2.36	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	186	92.8	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *108 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *105 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 13.1 1-4' (H255735-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	09/12/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	194	97.0	200	2.36	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	186	92.8	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *113 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *111 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 14 1-2' (H255735-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**528**	16.0	09/12/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	194	97.0	200	2.36	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	186	92.8	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *111 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 15 1-2' (H255735-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *123 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	09/12/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	194	97.0	200	2.36	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	186	92.8	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *111 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *108 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 16.2 0-3' (H255735-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	09/12/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	194	97.0	200	2.36	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	186	92.8	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *111 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *109 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 17 1-3' (H255735-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *123 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	09/12/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	194	97.0	200	2.36	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	186	92.8	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *115 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *113 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 18 1-4' (H255735-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	09/12/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	194	97.0	200	2.36	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	186	92.8	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *118 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *117 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 19 3-4' (H255735-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	09/12/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	194	97.0	200	2.36	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	186	92.8	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *111 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 20 3-4' (H255735-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/12/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	194	97.0	200	2.36	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	186	92.8	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *111 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *113 %* *40.6-153*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 21 3-4' (H255735-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *124 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	09/12/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	194	97.0	200	2.36	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	186	92.8	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *115 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *112 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 22 2-3' (H255735-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	09/12/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	208	104	200	1.84	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	212	106	200	0.518	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *106 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS 25 - 25 2-3' (H255735-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *121 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	09/12/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	208	104	200	1.84	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	212	106	200	0.518	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *99.2 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *103 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	09/12/2025	Sampling Date:	09/11/2025
Reported:	09/15/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS 25 - 96 2.0' (H255735-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.70	85.2	2.00	6.88	
Toluene*	<0.050	0.050	09/12/2025	ND	1.79	89.6	2.00	4.50	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.82	90.8	2.00	3.28	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.72	95.4	6.00	3.26	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	09/12/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	208	104	200	1.84	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	212	106	200	0.518	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *109 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Verex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575.703.6537
Sampler Name: A. Ludvik	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H255735																	
1	WS25-04.3 1-2'	C	1			X					X		9.11.25	10:30	X	X	X
2	WS25-11.1 1-4'	C	1			X					X		9.11.25	11:00	X	X	X
3	WS25-12 2-4'	C	1			X					X		9.11.25	11:05	X	X	X
4	WS25-13.1 1-4'	C	1			X					X		9.11.25	11:15	X	X	X
5	WS25-14 1-2'	C	1			X					X		9.11.25	11:25	X	X	X
6	WS25-15 1-2'	C	1			X					X		9.11.25	11:30	X	X	X
7	WS25-16.2 0-3'	C	1			X					X		9.11.25	11:35	X	X	X
8	WS25-17 1-3'	C	1			X					X		9.11.25	11:40	X	X	X
9	WS25-18 1-4'	C	1			X					X		9.11.25	11:50	X	X	X
10	WS25-19 3-4'	C	1			X					X		9.11.25	13:00	X	X	X

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Relinquished By:	Date: 9.12.25 Time: 1035	Received By: Rodriguez	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			Please Email Results: cdixon@vertexresource.com), aludvik@vertexresource.com, permian@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources, Inc.

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.7 Corrected Temp. °C 1.0	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) SR	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush: 24 hr ☒ Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor +0.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Verex Resource Services (Direct Bill to EOG)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575.703.6537
Sampler Name: A. Ludvik	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H255735																	
11	WS25-20 3-4'	C	1			X					X		9.11.25	13:05	X	X	X
12	WS25-21 3-4'	C	1			X					X		911.25	13:10	X	X	X
13	WS25-22 2-3'	C	1			X					X		9.11.25	13:20	X	X	X
14	WS25-25 2-3'	C	1			X					X		9.11.25	13:35	X	X	X
15	BS25-96 2.0'	C	1			X					X		9.11.25	10:35	X	X	X

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Relinquished By:	Date: 9-12-25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1035		Please Email Results: cdixon@vertexresource.com), aludvik@vertexresource.com, permian@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources, Inc.
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.7 Corrected Temp. °C 1.0	Sample Condition Cool Intact ☐ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials) SR	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush ☑ Cool Intact Observed Temp. °C 24 hr Thermometer ID #140 Correction Factor +0.3°C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

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

October 24, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 10/20/25 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 101 2' (H256597-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**688**	16.0	10/21/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	204	102	200	0.228	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	200	100	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *75.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 104 2' (H256597-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	10/21/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	204	102	200	0.228	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	200	100	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *75.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.6 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 113 2' (H256597-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	10/21/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	204	102	200	0.228	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	200	100	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *75.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 116 2' (H256597-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	10/21/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	204	102	200	0.228	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	200	100	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *70.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 119 2' (H256597-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**912**	16.0	10/21/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	204	102	200	0.228	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	200	100	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *75.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 120 2' (H256597-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**672**	16.0	10/21/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	204	102	200	0.228	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	200	100	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *76.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 122 2' (H256597-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1960**	16.0	10/21/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	204	102	200	0.228	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	200	100	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *75.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 123 2' (H256597-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	10/21/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	204	102	200	0.228	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	200	100	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *75.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 124 2' (H256597-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	10/21/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	204	102	200	0.228	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	200	100	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *67.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *63.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 125 2' (H256597-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	10/21/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	235	117	200	2.63	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	217	109	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *83.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 126 2' (H256597-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**608**	16.0	10/21/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	235	117	200	2.63	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	217	109	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *89.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 127 2' (H256597-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**704**	16.0	10/21/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	235	117	200	2.63	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	217	109	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *87.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.6 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 128 2' (H256597-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**592**	16.0	10/21/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	235	117	200	2.63	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	217	109	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *88.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.6 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 129 2' (H256597-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	10/21/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	235	117	200	2.63	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	217	109	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *94.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.0 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 130 2' (H256597-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	10/21/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	235	117	200	2.63	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	217	109	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *84.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.2 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 131 2' (H256597-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	10/21/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	235	117	200	2.63	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	217	109	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *87.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.9 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 132 2' (H256597-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**720**	16.0	10/21/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	235	117	200	2.63	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	217	109	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *92.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 134 2' (H256597-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	10/21/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	235	117	200	2.63	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	217	109	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *87.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 135 2' (H256597-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2025	ND	2.04	102	2.00	0.419	
Toluene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	1.28	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.00	100	2.00	4.50	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	5.94	99.0	6.00	5.20	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	10/21/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	235	117	200	2.63	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	217	109	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *82.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/20/2025	Sampling Date:	10/17/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 136 2' (H256597-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2025	ND	2.21	110	2.00	0.0177	
Toluene*	<0.050	0.050	10/22/2025	ND	2.20	110	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/22/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/22/2025	ND	6.97	116	6.00	3.18	
Total BTEX	<0.300	0.300	10/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	10/21/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2025	ND	235	117	200	2.63	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	217	109	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *76.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1-2

Company Name:	Vertex (Direct bill EOG)
Project Manager:	Chance Dixon
Address:	3101 Boyd Dr
City:	Carlsbad State: NM Zip: 88220
Phone #:	575-725-5001 Fax #:
Project #:	25A-01241 Project Owner: EOG
Project Name:	Stark 5 Fed Com #701H
Project Location:	Eddy County
Sampler Name:	A. Harris

BILL TO

P.O. #:	
Company:	EOG Resources
Attn:	Chase Settle
Address:	5509 Champions Dr
City:	Midland
State:	TX Zip: 79706
Phone #:	575-703-6537
Fax #:	

ANALYSIS REQUEST

BTEX 8021 | TPH 8015 (GRO/DRO/MRO) | Chloride

FOR LAB USE ONLY

Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE	COOL	OTHER :	SAMPLING: DATE	TIME
H256597																
1	BS25-101	2'	C	1			X					X			10-16-25	10:34
2	BS25-104	2'													10-16-25	11:05
3	BS25-113	2'													10-16-25	12:55
4	BS25-116	2'													10-16-25	13:22
5	BS25-119	2'													10-16-25	13:45
6	BS25-120	2'													10-16-25	14:20
7	BS25-122	2'													10-17-25	11:40
8	BS25-123	2'														11:45
9	BS25-124	2'														11:50
10	BS25-125	2'														11:55

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040240IK - all

Relinquished By:	Date: 10-19-25 Time: 16:00	Received By:	
Relinquished By:	Date: Time:	Received By:	

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS: CC: cdixon@vertexresource.com permian@vertexresource.com aharris@vertexresource.com

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.1 Corrected Temp. °C 2.4	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐ Thermometer ID #140 Correction Factor -0.6°C +0.3

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.3 08/05/24

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2-2

Company Name:	Vertex (Direct bill EOG)
Project Manager:	Chance Dixon
Address:	
City:	State: Zip:
Phone #:	Fax #:
Project #:	25A-01241 Project Owner:
Project Name:	Stark 5 Fed Com #701H
Project Location:	Eddy County
Sampler Name:	A. Harris

BILL TO

P.O. #:	
Company:	EOG Resources
Attn:	Chase Settle
Address:	5509 Champions Dr
City:	Midland
State:	TX Zip: 79706
Phone #:	575-703-6537
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE	COOL	OTHER:	SAMPLING DATE	TIME	BTEX 8021	TPH (GRO/DRO/MRO) 8015	Chloride
H256597																			
11	BS25-126	2'	C	1			X					X			10-17-25	12:04	X	X	X
12	BS25-127	2'														12:10			
13	BS25-128	2'														12:15			
14	BS25-129	2'														12:20			
15	BS25-130	2'														12:25			
16	BS25-131	2'														13:05			
17	BS25-132	2'														13:15			
18	BS25-134	2'														13:25			
19	BS25-135	2'														13:30			
20	BS25-136	2'														13:35			

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Relinquished By:	Date: 10-19-25	Received By:	
	Time: 16:00		
Relinquished By:	Date:	Received By:	
	Time: 1200		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS:

Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time: ☑ Standard ☐ Rush
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool: ☑ Yes ☐ No / Intact: ☑ Yes ☐ No	(Initials)	Thermometer ID #140 Correction Factor -0.6°C
	2.1 / 2.4		AD	+0.3

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No / Intact ☐ Yes ☐ No — Observed Temp. °C — Corrected Temp. °C

FORM-006 R 3.3 08/05/24

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

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October 31, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 10/27/25 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 137 2' (H256764-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	8.94	
Toluene*	<0.050	0.050	10/29/2025	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.76	88.0	2.00	6.08	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.20	86.6	6.00	6.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	10/28/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	183	91.5	200	0.757	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	193	96.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *78.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 142 2' (H256764-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	8.94	
Toluene*	<0.050	0.050	10/29/2025	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.76	88.0	2.00	6.08	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.20	86.6	6.00	6.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	10/28/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	183	91.5	200	0.757	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	193	96.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *82.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.6 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 143 2' (H256764-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	8.94	
Toluene*	<0.050	0.050	10/29/2025	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.76	88.0	2.00	6.08	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.20	86.6	6.00	6.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/28/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	183	91.5	200	0.757	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	193	96.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *84.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 144 2' (H256764-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	8.94	
Toluene*	<0.050	0.050	10/29/2025	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.76	88.0	2.00	6.08	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.20	86.6	6.00	6.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	183	91.5	200	0.757	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	193	96.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *81.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 145 2' (H256764-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	8.94	
Toluene*	<0.050	0.050	10/29/2025	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.76	88.0	2.00	6.08	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.20	86.6	6.00	6.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**480**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	183	91.5	200	0.757	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	193	96.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *85.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 148 2' (H256764-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	8.94	
Toluene*	<0.050	0.050	10/29/2025	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.76	88.0	2.00	6.08	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.20	86.6	6.00	6.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	183	91.5	200	0.757	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	193	96.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *84.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.2 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 149 2' (H256764-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	8.94	
Toluene*	<0.050	0.050	10/29/2025	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.76	88.0	2.00	6.08	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.20	86.6	6.00	6.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	183	91.5	200	0.757	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	193	96.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *75.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.9 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 150 2' (H256764-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	183	91.5	200	0.757	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	193	96.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *80.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 151 2' (H256764-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	183	91.5	200	0.757	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	193	96.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *78.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 152 2' (H256764-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**544**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *73.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.2 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 153 2' (H256764-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *82.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 156 2' (H256764-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *72.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 157 2' (H256764-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *81.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 158 2' (H256764-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *79.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 161 2' (H256764-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *80.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 162 2' (H256764-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *84.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 163 2' (H256764-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1970**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	**11.8**	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *71.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 165 2' (H256764-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *84.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 166 2' (H256764-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *78.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 167 2' (H256764-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *70.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 168 2' (H256764-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *82.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 169 2' (H256764-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	**10.7**	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *78.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 170 2' (H256764-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *71.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 171 2' (H256764-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *75.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.0 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 172 2' (H256764-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/28/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *67.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *64.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 173 2' (H256764-26)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/29/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *70.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.2 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 174 2' (H256764-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	2.12	106	2.00	8.41	
Toluene*	<0.050	0.050	10/29/2025	ND	2.16	108	2.00	8.77	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	2.17	109	2.00	9.65	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.48	108	6.00	9.44	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *77.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 176 2' (H256764-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/28/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *77.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 177 2' (H256764-29)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/28/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	214	107	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	214	107	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *82.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.1 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 178 2' (H256764-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/28/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *82.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.9 %* *39.9-141*

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CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 179 2' (H256764-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/28/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *87.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.2 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 180 2' (H256764-32)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/28/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *83.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.0 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 183 2' (H256764-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/28/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**592**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *87.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.2 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 184 2' (H256764-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/28/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *88.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 185 2' (H256764-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/28/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**640**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	**25.9**	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *87.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 186 2' (H256764-36)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/28/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *89.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.6 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 187 2' (H256764-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/28/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**752**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *89.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 188 2' (H256764-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/28/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *85.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 190 2' (H256764-39)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/28/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *83.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 191 2' (H256764-40)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/29/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *77.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 192 2' (H256764-41)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/29/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *83.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.6 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 193 2' (H256764-42)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/29/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *82.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 194 2' (H256764-43)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/29/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**752**	16.0	10/28/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *82.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 197 2' (H256764-44)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/29/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	10/28/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *85.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 198 2' (H256764-45)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/29/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**608**	16.0	10/28/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *89.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 199 2' (H256764-46)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/29/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	10/28/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *85.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.0 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 200 2' (H256764-47)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.85	92.7	2.00	10.2	
Toluene*	<0.050	0.050	10/29/2025	ND	1.98	98.8	2.00	12.0	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.92	96.0	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.65	94.1	6.00	13.7	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	10/28/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *87.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 201 2' (H256764-48)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**864**	16.0	10/28/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *85.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 203 2' (H256764-49)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**816**	16.0	10/28/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	215	108	200	0.212	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	210	105	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *92.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 204 2' (H256764-50)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**720**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *78.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 205 2' (H256764-51)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *86.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.6 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 206 2' (H256764-52)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *83.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 207 2' (H256764-53)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *83.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.2 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 208 2' (H256764-54)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**576**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *88.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.9 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 211 2' (H256764-55)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *90.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 213 2' (H256764-56)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *91.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 214 2' (H256764-57)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *85.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.2 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 215 2' (H256764-58)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *99.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 216 2' (H256764-59)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**576**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *87.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 217 2' (H256764-60)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *83.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.9 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 218 2' (H256764-61)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**592**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	**38.5**	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *72.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 224 4' (H256764-62)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *84.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 225 4' (H256764-63)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	10/29/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *86.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.9 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 226 4' (H256764-64)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/29/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *80.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 227 4' (H256764-65)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	10/29/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *88.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.6 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 228 4' (H256764-66)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	10/29/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *87.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.9 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 229 4' (H256764-67)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.91	95.7	2.00	9.87	
Toluene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.96	98.2	2.00	12.1	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	6.11	102	6.00	11.1	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/29/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *78.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.1 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 230 4' (H256764-68)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	5.56	
Toluene*	<0.050	0.050	10/29/2025	ND	1.72	85.8	2.00	4.44	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.73	86.5	2.00	4.04	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.43	90.6	6.00	3.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	10/29/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *85.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.1 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 231 4' (H256764-69)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	5.56	
Toluene*	<0.050	0.050	10/29/2025	ND	1.72	85.8	2.00	4.44	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.73	86.5	2.00	4.04	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.43	90.6	6.00	3.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/29/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	208	104	200	2.86	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	217	108	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *89.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 232 4' (H256764-70)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	5.56	
Toluene*	<0.050	0.050	10/29/2025	ND	1.72	85.8	2.00	4.44	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.73	86.5	2.00	4.04	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.43	90.6	6.00	3.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	10/29/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	207	104	200	7.11	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	228	114	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *78.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.1 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/23/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 233 4' (H256764-71)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	5.56	
Toluene*	<0.050	0.050	10/29/2025	ND	1.72	85.8	2.00	4.44	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.73	86.5	2.00	4.04	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.43	90.6	6.00	3.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	10/29/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	207	104	200	7.11	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	228	114	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *69.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *64.6 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 234 4' (H256764-72)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	5.56	
Toluene*	<0.050	0.050	10/29/2025	ND	1.72	85.8	2.00	4.44	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.73	86.5	2.00	4.04	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.43	90.6	6.00	3.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/29/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	207	104	200	7.11	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	228	114	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *77.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 235 4' (H256764-73)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	5.56	
Toluene*	<0.050	0.050	10/29/2025	ND	1.72	85.8	2.00	4.44	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.73	86.5	2.00	4.04	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.43	90.6	6.00	3.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	10/29/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	207	104	200	7.11	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	228	114	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *72.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *64.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 236 4' (H256764-74)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	5.56	
Toluene*	<0.050	0.050	10/29/2025	ND	1.72	85.8	2.00	4.44	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.73	86.5	2.00	4.04	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.43	90.6	6.00	3.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/29/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	207	104	200	7.11	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	228	114	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *80.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	24A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 237 4' (H256764-75)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2025	ND	1.64	82.1	2.00	5.56	
Toluene*	<0.050	0.050	10/29/2025	ND	1.72	85.8	2.00	4.44	
Ethylbenzene*	<0.050	0.050	10/29/2025	ND	1.73	86.5	2.00	4.04	
Total Xylenes*	<0.150	0.150	10/29/2025	ND	5.43	90.6	6.00	3.55	
Total BTEX	<0.300	0.300	10/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	10/29/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/29/2025	ND	207	104	200	7.11	
DRO >C10-C28*	<10.0	10.0	10/29/2025	ND	228	114	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	10/29/2025	ND					

Surrogate: 1-Chlorooctane *88.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.1 %* *39.9-141*

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H257764																	
1	BS25-137 2'	C	1			X							10.24.25	16:06	X	X	X
2	BS25-142 2'	C	1			X							10.24.25	16:08	X	X	X
3	BS25-143 2'	C	1			X							10.24.25	16:09	X	X	X
4	BS25-144 2'	C	1			X							10.24.25	16:10	X	X	X
5	BS25-145 2'	C	1			X							10.24.25	16:15	X	X	X
6	BS25-148 2'	C	1			X							10.24.25	16:20	X	X	X
7	BS25-149 2'	C	1			X							10.24.25	16:25	X	X	X
8	BS25-150 2'	C	1			X							10.24.25	16:30	X	X	X
9	BS25-151 2'	C	1			X							10.24.25	16:35	X	X	X
10	BS25-152 2'	C	1			X							10.24.25	16:40	X	X	X

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0402401K - all

Relinquished By:	Date: 10.27.25 Time: 1300	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources
			pg 1/8
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.4 Corrected Temp. °C 0.9	Sample Condition Cool: Yes Intact: Yes / No / No	CHECKED BY: (Initials) TO

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush ☐ Cool Intact Observed Temp. °C
Thermometer ID #113 #140
Correction Factor -0.5°C +0.3c
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H256764											✓						
11	BS25-153 2'	C	1			X							10.24.25	16:45	X	X	X
12	BS25-156 2'	C	1			X							10.24.25	16:50	X	X	X
13	BS25-157 2'	C	1			X							10.24.25	16:55	X	X	X
14	BS25-158 2'	C	1			X							10.24.25	17:00	X	X	X
15	BS25-161 2'	C	1			X							10.24.25	17:05	X	X	X
16	BS25-162 2'	C	1			X							10.24.25	17:10	X	X	X
17	BS25-163 2'	C	1			X							10.23.25	8:00	X	X	X
18	BS25-165 2'	C	1			X							10.23.25	8:05	X	X	X
19	BS25-166 2'	C	1			X							10.23.25	8:10	X	X	X
20	BS25-167 2'	C	1			X							10.23.25	8:15	X	X	X

ANALYSIS REQUEST

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0402401 K - all

Relinquished By:	Date: 10.27.25 Time: 1300	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
			REMARKS: Direct Bill to EOG Resources Pg 2 18

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.6 Corrected Temp. °C 0.9	Sample Condition Cool ✓ Intact ✓ Yes Yes / No No	CHECKED BY: (Initials) JD	Turnaround Time: Standard ✓ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.3C +0.3 Yes Yes / No No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

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Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H256764																	
21	BS25-168 2'	C	1			X							10.23.25	8:20	X	X	X
22	BS25-169 2'	C	1			X							10.23.25	8:25	X	X	X
23	BS25-170 2'	C	1			X							10.23.25	8:30	X	X	X
24	BS25-171 2'	C	1			X							10.23.25	8:35	X	X	X
25	BS25-172 2'	C	1			X							10.23.25	8:40	X	X	X
26	BS25-173 2'	C	1			X							10.23.25	8:45	X	X	X
27	BS25-174 2'	C	1			X							10.23.25	8:50	X	X	X
28	BS25-176 2'	C	1			X							10.23.25	8:55	X	X	X
29	BS25-177 2'	C	1			X							10.23.25	9:00	X	X	X
30	BS25-178 2'	C	1			X							10.23.25	9:05	X	X	X

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D402401K - all

Relinquished By:	Date: 10.27.25 Time: 1300	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.6 Corrected Temp. °C 0.9	Sample Condition Cool: Yes Intact: Yes / No No	CHECKED BY: (Initials)

REMARKS: Direct Bill to EOG Resources Pg 3/8

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush ☐ Cool Intact Observed Temp. °C
Thermometer ID #113 #140 Yes Yes
Correction Factor -0.5°C +0.3° No No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

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Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H256764																	
31	BS25-179 2'	C	1			X							10.23.25	9:10	X	X	X
32	BS25-180 2'	C	1			X							10.23.25	9:15	X	X	X
33	BS25-183 2'	C	1			X							10.23.25	10:00	X	X	X
34	BS25-184 2'	C	1			X							10.23.25	10:05	X	X	X
35	BS25-185 2'	C	1			X							10.23.25	10:10	X	X	X
36	BS25-186 2'	C	1			X							10.23.25	10:15	X	X	X
37	BS25-187 2'	C	1			X							10.23.25	10:20	X	X	X
38	BS25-188 2'	C	1			X							10.23.25	10:25	X	X	X
39	BS25-190 2'	C	1			X							10.23.25	10:30	X	X	X
40	BS25-191 2'	C	1			X							10.23.25	10:35	X	X	X

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all - 0402401K

Relinquished By:	Date: 10.27.25 Time: 1300	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources Pg 4/5

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.6 Corrected Temp. °C 0.9	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.5°C +0.3c ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H256764																	
41	BS25-192 2'	C	1			X							10.23.25	10:40	X	X	X
42	BS25-193 2'	C	1			X							10.23.25	12:00	X	X	X
43	BS25-194 2'	C	1			X							10.23.25	12:05	X	X	X
44	BS25-197 2'	C	1			X							10.23.25	12:10	X	X	X
45	BS25-198 2'	C	1			X							10.23.25	12:15	X	X	X
46	BS25-199 2'	C	1			X							10.23.25	12:20	X	X	X
47	BS25-200 2'	C	1			X							10.23.25	12:25	X	X	X
48	BS25-201 2'	C	1			X							10.23.25	12:30	X	X	X
49	BS25-203 2'	C	1			X							10.23.25	12:35	X	X	X
50	BS25-204 2'	C	1			X							10.23.25	12:40	X	X	X

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0402401K - all

Relinquished By:	Date: 10-27-25 Time: 1300	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources Pg 5/8
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.6 Corrected Temp. °C 0.9	Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard ☑ Bacteria (only) Sample Condition
Rush ☐ Cool Intact Observed Temp. °C
Thermometer ID #113 #140
Correction Factor -0.5°C +0.3c
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

10/28/25

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H256764																	
57	BS25-205 2'	C	1			X							10.23.25	12:45	X	X	X
52	BS25-206 2'	C	1			X							10.23.25	12:50	X	X	X
53	BS25-207 2'	C	1			X							10.23.25	12:55	X	X	X
54	BS25-208 2'	C	1			X							10.23.25	13:00	X	X	X
55	BS25-211 2'	C	1			X							10.23.25	13:05	X	X	X
56	BS25-213 2'	C	1			X							10.23.25	13:10	X	X	X
57	BS25-214 2'	C	1			X							10.23.25	13:15	X	X	X
58	BS25-215 2'	C	1			X							10.23.25	13:20	X	X	X
59	BS25-216 2'	C	1			X							10.23.25	13:25	X	X	X
60	BS25-217 2'	C	1			X							10.23.25	13:30	X	X	X

ANALYSIS REQUEST

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 10-27-25 Time: 1300	Received By:	0402401K - all
Relinquished By:	Date: Time:	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
			REMARKS: Direct Bill to EOG Resources Pg 6/8

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Observed Temp. °C 0.6 Corrected Temp. °C 0.9

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

CHECKED BY: (Initials)

Turnaround Time: Standard ☑ Bacteria (only) Sample Condition

Rush ☐ Cool Intact Observed Temp. °C

Thermometer ID #113 #140 Correction Factor -0.5°C +0.3°

☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

10/27/25

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H256764																	
61	BS25-218 2'	C	1			X							10.23.25	13:55	X	X	X
62	BS25-224 4'	C	1			X							10.24.25	15:00	X	X	X
63	BS25-225 4'	C	1			X							10.24.25	15:05	X	X	X
64	BS25-226 4'	C	1			X							10.24.25	15:10	X	X	X
65	BS25-227 4'	C	1			X							10.24.25	15:15	X	X	X
66	BS25-228 4'	C	1			X							10.24.25	15:20	X	X	X
67	BS25-229 4'	C	1			X							10.24.25	15:25	X	X	X
68	BS25-230 4'	C	1			X							10.24.25	15:30	X	X	X
69	BS25-231 4'	C	1			X							10.24.25	15:35	X	X	X
70	BS25-232 4'	C	1			X							10.24.25	15:40	X	X	X

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Relinquished By:	Date: 10-27-25 Time: 1300	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.6 Corrected Temp. °C 0.9	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)

REMARKS: Direct Bill to EOG Resources

Pg 7/8

Turnaround Time: Standard ☑ Bacteria (only) Sample Condition
Rush ☐ Cool Intact Observed Temp. °C
Thermometer ID #113 #140
Correction Factor -0.5°C +0.3c
☐ Yes ☐ Yes
☐ No ☐ No Corrected Temp. °C

10/27/25

FORM-006 R 3.2 10/07/21

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Received by OCD: 1/13/2026 6:24:50 PM

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources, Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources, Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H256764																	
71	BS25-233 4'	C	1			X							10.23.25	15:45	X	X	X
72	BS25-234 4'	C	1			X							10.24.25	15:50	X	X	X
73	BS25-235 4'	C	1			X							10.24.25	15:55	X	X	X
74	BS25-236 4'	C	1			X							10.24.25	16:00	X	X	X
75	BS25-237 4'	C	1			X							10.24.25	16:05	X	X	X

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Relinquished By:	Date: 10.27.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1300		All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources Pg 8/8
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.4 Corrected Temp. °C 0.9	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard ☑ Bacteria (only) Sample Condition
Rush ☐ Cool Intact Observed Temp. °C
Thermometer ID #113 #140
Correction Factor -0.1°C +0.3c
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C
10-10/27/25

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Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

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

November 05, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 10/30/25 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 100 3' (H256848-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	10/31/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *78.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 101 3' (H256848-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	10/31/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *91.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 103 3' (H256848-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *98.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *102 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 105 3' (H256848-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**656**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *85.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 108 4' (H256848-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**912**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *103 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 109 4' (H256848-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *97.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 110 4' (H256848-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *98.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.8 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 111 4' (H256848-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**816**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *87.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 114 3' (H256848-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *93.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.0 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 115 3' (H256848-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *80.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 120 3' (H256848-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**720**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *89.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 121 3' (H256848-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**656**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *92.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 122 4' (H256848-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *90.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.0 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 126 3' (H256848-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *95.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.2 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 127 3' (H256848-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *88.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 138 3' (H256848-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *96.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 139 3' (H256848-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	1.90	95.0	2.00	0.487	
Toluene*	<0.050	0.050	11/02/2025	ND	1.93	96.3	2.00	0.253	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.00	100	2.00	0.0169	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.22	104	6.00	0.776	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**576**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	206	103	200	6.41	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	195	97.6	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *99.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 141 3' (H256848-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	2.04	102	2.00	3.34	
Toluene*	<0.050	0.050	11/02/2025	ND	1.94	97.2	2.00	2.01	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.07	103	2.00	3.35	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.42	107	6.00	3.51	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	213	107	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	225	113	200	0.724	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *90.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 146 3' (H256848-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	2.04	102	2.00	3.34	
Toluene*	<0.050	0.050	11/02/2025	ND	1.94	97.2	2.00	2.01	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.07	103	2.00	3.35	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.42	107	6.00	3.51	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	213	107	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	225	113	200	0.724	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *81.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 147 3' (H256848-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	2.04	102	2.00	3.34	
Toluene*	<0.050	0.050	11/02/2025	ND	1.94	97.2	2.00	2.01	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.07	103	2.00	3.35	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.42	107	6.00	3.51	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	213	107	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	225	113	200	0.724	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *92.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.6 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 202 4' (H256848-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	2.04	102	2.00	3.34	
Toluene*	<0.050	0.050	11/02/2025	ND	1.94	97.2	2.00	2.01	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.07	103	2.00	3.35	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.42	107	6.00	3.51	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2025	ND	213	107	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/01/2025	ND	225	113	200	0.724	
EXT DRO >C28-C36	<10.0	10.0	11/01/2025	ND					

Surrogate: 1-Chlorooctane *88.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 209 5' (H256848-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	2.04	102	2.00	3.34	
Toluene*	<0.050	0.050	11/02/2025	ND	1.94	97.2	2.00	2.01	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.07	103	2.00	3.35	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.42	107	6.00	3.51	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/31/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2025	ND	213	107	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/02/2025	ND	225	113	200	0.724	
EXT DRO >C28-C36	<10.0	10.0	11/02/2025	ND					

Surrogate: 1-Chlorooctane *93.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 210 3' (H256848-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	2.04	102	2.00	3.34	
Toluene*	<0.050	0.050	11/02/2025	ND	1.94	97.2	2.00	2.01	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.07	103	2.00	3.35	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.42	107	6.00	3.51	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	10/31/2025	ND	368	92.0	400	16.0	QM-07

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2025	ND	213	107	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/02/2025	ND	225	113	200	0.724	
EXT DRO >C28-C36	<10.0	10.0	11/02/2025	ND					

Surrogate: 1-Chlorooctane *92.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 219 2' (H256848-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	2.04	102	2.00	3.34	
Toluene*	<0.050	0.050	11/02/2025	ND	1.94	97.2	2.00	2.01	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.07	103	2.00	3.35	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.42	107	6.00	3.51	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/31/2025	ND	368	92.0	400	16.0	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2025	ND	213	107	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/02/2025	ND	225	113	200	0.724	
EXT DRO >C28-C36	<10.0	10.0	11/02/2025	ND					

Surrogate: 1-Chlorooctane *83.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 220 2' (H256848-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	2.04	102	2.00	3.34	
Toluene*	<0.050	0.050	11/02/2025	ND	1.94	97.2	2.00	2.01	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.07	103	2.00	3.35	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.42	107	6.00	3.51	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	10/31/2025	ND	368	92.0	400	16.0	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2025	ND	213	107	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/02/2025	ND	225	113	200	0.724	
EXT DRO >C28-C36	<10.0	10.0	11/02/2025	ND					

Surrogate: 1-Chlorooctane *90.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.1 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 221 6.5' (H256848-26)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	2.04	102	2.00	3.34	
Toluene*	<0.050	0.050	11/02/2025	ND	1.94	97.2	2.00	2.01	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.07	103	2.00	3.35	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.42	107	6.00	3.51	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/31/2025	ND	368	92.0	400	16.0	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2025	ND	213	107	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/02/2025	ND	225	113	200	0.724	
EXT DRO >C28-C36	<10.0	10.0	11/02/2025	ND					

Surrogate: 1-Chlorooctane *95.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 238 6.5' (H256848-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	2.04	102	2.00	3.34	
Toluene*	<0.050	0.050	11/02/2025	ND	1.94	97.2	2.00	2.01	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.07	103	2.00	3.35	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.42	107	6.00	3.51	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	10/31/2025	ND	368	92.0	400	16.0	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2025	ND	213	107	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/02/2025	ND	225	113	200	0.724	
EXT DRO >C28-C36	<10.0	10.0	11/02/2025	ND					

Surrogate: 1-Chlorooctane *99.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	10/30/2025	Sampling Date:	10/29/2025
Reported:	11/05/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 239 3' (H256848-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2025	ND	2.04	102	2.00	3.34	
Toluene*	<0.050	0.050	11/02/2025	ND	1.94	97.2	2.00	2.01	
Ethylbenzene*	<0.050	0.050	11/02/2025	ND	2.07	103	2.00	3.35	
Total Xylenes*	<0.150	0.150	11/02/2025	ND	6.42	107	6.00	3.51	
Total BTEX	<0.300	0.300	11/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/31/2025	ND	368	92.0	400	16.0	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2025	ND	213	107	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/02/2025	ND	225	113	200	0.724	
EXT DRO >C28-C36	<10.0	10.0	11/02/2025	ND					

Surrogate: 1-Chlorooctane *91.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.0 %* *39.9-141*

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D. H257848

	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
1	BS25-100 3'	C	1			X							10.29.25	9:45	X	X	X
2	BS25-101 3'	C	1			X							10.29.25	9:50	X	X	X
3	BS25-103 3'	C	1			X							10.29.25	10:10	X	X	X
4	BS25-105 3'	C	1			X							10.29.25	10:05	X	X	X
5	BS25-108 4'	C	1			X							10.29.25	10:15	X	X	X
6	BS25-109 4'	C	1			X							10.29.25	10:20	X	X	X
7	BS25-110 4'	C	1			X							10.29.25	10:25	X	X	X
8	BS25-111 4'	C	1			X							10.29.25	10:30	X	X	X
9	BS25-114 3'	C	1			X							10.29.25	10:35	X	X	X
10	BS25-115 3'	C	1			X							10.29.25	10:40	X	X	X

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Relinquished By:	Date: 10.30.25	Received By:	Verbal Result: ☐ Yes ☐ No — Add'l Phone #:
Relinquished By:	Time: 1400	Received By:	All Results are emailed. Please provide Email address: cdixon@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.1 Corrected Temp. °C 2.4	Sample Condition Cool ☑ Yes Intact ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials) JD

REMARKS: Direct Bill to EOG Resources

Turnaround Time: Standard ☑ Bacteria (only) Sample Condition
Rush ☐ Cool Intact Observed Temp. °C
Thermometer ID #113 #140 10.3
Correction Factor -0.5°C
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

JD 10/30/25

0402401 B-all

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H256848											✓						
11	BS25-120 3'	C	1			X							10.29.25	10:45	X	X	X
12	BS25-121 3'	C	1			X							10.29.25	10:50	X	X	X
13	BS25-122 4'	C	1			X							10.29.25	10:55	X	X	X
14	BS25-126 3'	C	1			X							10.29.25	11:00	X	X	X
15	BS25-127 3'	C	1			X							10.29.25	11:05	X	X	X
16	BS25-138 3'	C	1			X							10.29.25	11:10	X	X	X
17	BS25-139 3'	C	1			X							10.29.25	11:15	X	X	X
18	BS25-141 3'	C	1			X							10.29.25	11:20	X	X	X
19	BS25-146 3'	C	1			X							10.29.25	11:30	X	X	X
20	BS25-147 3'	C	1			X							10.29.25	11:35	X	X	X

ANALYSIS REQUEST

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0402401K - all

Relinquished By:	Date: 10.30.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1400		All Results are emailed. Please provide Email address: cdixon@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.1 Corrected Temp. °C 2.4	Sample Condition Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Bacteria (only) Sample Condition: Rush ☐ Cool Intact Observed Temp. °C. Thermometer ID #140 Correction Factor -0.5°C +0.3° ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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10/30/25

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H256848																	
21	BS25-202 4'	C	1			X							10.29.25	8:00	X	X	X
22	BS25-209 5'	C	1			X							10.29.25	8:05	X	X	X
23	BS25-210 3'	C	1			X							10.29.25	8:10	X	X	X
24	BS25-219 2'	C	1			X							10.29.25	8:15	X	X	X
25	BS25-220 2'	C	1			X							10.29.25	8:20	X	X	X
26	BS25-221 6.5'	C	1			X							10.29.25	8:25	X	X	X
27	BS25-238 6.5'	C	1			X							10.29.25	8:30	X	X	X
28	BS25-239 3'	C	1			X							10.29.25	15:00	X	X	X

ANALYSIS REQUEST

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Relinquished By:	Date: 10.30.25 Time: 1400	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.1 Corrected Temp. °C 2.4	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.5°C +0.3° ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

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

November 07, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 11/03/25 12:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 97 5' (H256910-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.96	98.0	2.00	0.351	
Toluene*	<0.050	0.050	11/04/2025	ND	2.14	107	2.00	7.17	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.14	107	2.00	8.53	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.46	108	6.00	8.27	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	189	94.5	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	190	95.2	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *95.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 98 5' (H256910-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**704**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	189	94.5	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	190	95.2	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *95.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 99 5' (H256910-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	189	94.5	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	190	95.2	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *93.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 106 5' (H256910-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**544**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	189	94.5	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	190	95.2	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *98.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 112 5' (H256910-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**720**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	189	94.5	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	190	95.2	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *96.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 117 5.5' (H256910-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**576**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *84.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.0 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 118 5.5' (H256910-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *88.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.0 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 119 5' (H256910-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *93.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.0 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 133 4' (H256910-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *88.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 140 4' (H256910-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *89.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.1 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 154 2' (H256910-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**480**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *96.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 155 3' (H256910-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *92.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 159 2' (H256910-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *91.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.9 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 160 3' (H256910-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *92.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 164 3' (H256910-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *90.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.9 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 175 3' (H256910-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *77.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 181 3' (H256910-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *94.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 182 3' (H256910-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/05/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *90.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 189 3' (H256910-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/05/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**480**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *96.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.1 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 195 3' (H256910-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	2.22	111	2.00	1.69	
Toluene*	<0.050	0.050	11/05/2025	ND	2.05	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	2.16	108	2.00	5.28	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	6.73	112	6.00	5.09	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**576**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *92.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 196 3' (H256910-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *99.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 240 3' (H256910-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *96.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 241 3' (H256910-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *82.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 26 0'-2' (H256910-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4640**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *88.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.6 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 27 0'-2' (H256910-26)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5520**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	178	88.9	200	2.24	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.7	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *77.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.0 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 28 0'-2' (H256910-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *85.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 29 0'-2' (H256910-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *89.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.1 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 30 0'-2' (H256910-29)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *94.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 31 0'-2' (H256910-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *90.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 32 0'-2' (H256910-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *92.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 33 0'-2' (H256910-32)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *94.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.8 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 34 0'-2' (H256910-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *92.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 35 0'-2' (H256910-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	11/04/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *91.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 36 0'-2' (H256910-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/04/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *92.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 37 2'-3' (H256910-36)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/04/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *94.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.8 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 38 2'-4' (H256910-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/04/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *85.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.6 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 39 2'-4' (H256910-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	11/04/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *91.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 40 2'-3' (H256910-39)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	11/04/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *92.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 41 2'-3' (H256910-40)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	11/04/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *89.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 42 2'-6.5 (H256910-41)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	96.9	2.00	4.69	
Toluene*	<0.050	0.050	11/04/2025	ND	2.12	106	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.00	99.9	6.00	3.97	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	11/04/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *82.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 43 2'-4' (H256910-42)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	97.1	2.00	3.68	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.1	2.00	1.64	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	95.9	2.00	0.0319	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.08	101	6.00	0.0486	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	11/04/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *91.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/03/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 212 2' (H256910-43)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2025	ND	1.94	97.1	2.00	3.68	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.1	2.00	1.64	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	95.9	2.00	0.0319	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.08	101	6.00	0.0486	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	11/04/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2025	ND	186	93.2	200	1.83	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	191	95.4	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *93.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride	ANALYSIS REQUEST
H256910																		
1	BS25-97 5'	C	1			X							10.31.25	8:00	X	X	X	
2	BS25-98 5'	C	1			X							10.31.25	8:02	X	X	X	
3	BS25-99 5'	C	1			X							10.31.25	8:04	X	X	X	
4	BS25-106 5'	C	1			X							10.31.25	8:06	X	X	X	
~~5~~	~~BS25-107 5'~~	~~C~~	~~1~~			~~X~~							~~10.31.25~~	~~8:08~~	~~X~~	~~X~~	~~X~~	NO sample
6	BS25-112 5'	C	1			X							10.31.25	8:10	X	X	X	
7	BS25-117 5.5'	C	1			X							10.31.25	8:12	X	X	X	
8	BS25-118 5.5'	C	1			X							10.31.25	8:14	X	X	X	
9	BS25-119 5'	C	1			X							10.31.25	8:16	X	X	X	
10	BS25-133 4'	C	1			X							10.31.25	8:18	X	X	X	

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Relinquished By:	Date: 11-3-25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1234		All Results are emailed. Please provide Email address: cdixon@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources #5 Jar was empty - SRodriguez 11/3/25
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.4 Corrected Temp. °C 0.7	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.3°C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H250910																	
11	BS25-140 4'	C	1			X							10.31.25	8:30	X	X	X
12	BS25-154 2'	C	1			X							10.31.25	8:32	X	X	X
13	BS25-155 3'	C	1			X							10.31.25	8:35	X	X	X
14	BS25-159 2'	C	1			X							10.31.25	8:38	X	X	X
15	BS25-160 3'	C	1			X							10.31.25	8:40	X	X	X
16	BS25-164 3'	C	1			X							10.31.25	8:45	X	X	X
17	BS25-175 3'	C	1			X							10.31.25	8:50	X	X	X
18	BS25-181 3'	C	1			X							10.31.25	8:52	X	X	X
19	BS25-182 3'	C	1			X							10.31.25	8:55	X	X	X
20	BS25-189 3'	C	1			X							10.31.25	9:00	X	X	X

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Relinquished By: [signature]	Date: 11.3.25 Time: 1234	Received By: [signature]	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.4 Corrected Temp. °C 0.7	Sample Condition: Cool ☑ Yes ☐ No Intact ☐ Yes ☐ No	CHECKED BY: (Initials) AP

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush ☐ Cool Intact Observed Temp. °C
Thermometer ID #113 #140 to 3'
Correction Factor -0.3°C
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H251040																	
21	BS25-195 3'	C	1			X							10.31.25	9:05	X	X	X
22	BS25-196 3'	C	1			X							10.31.25	9:10	X	X	X
23	BS25-240 3'	C	1			X							10.31.25	9:15	X	X	X
24	BS25-241 3'	C	1			X							10.31.25	9:20	X	X	X
25	WS25-26 0'-2'	C	1			X							10.31.25	11:00	X	X	X
26	WS25-27 0'-2'	C	1			X							10.31.25	11:05	X	X	X
27	WS25-28 0'-2'	C	1			X							10.31.25	11:10	X	X	X
28	WS25-29 0'-2'	C	1			X							10.31.25	11:15	X	X	X
29	WS25-30 0'-2'	C	1			X							10.31.25	11:20	X	X	X
30	WS25-31 0'-2'	C	1			X							10.31.25	11:25	X	X	X

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Relinquished By:	Date: 10-31-25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time:		All Results are emailed. Please provide Email address:
Relinquished By:	Date: 11.3.25	Received By:	cdixon@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
	Time: 1234		REMARKS: Direct Bill to EOG Resources

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.4 Corrected Temp. °C 0.7	Sample Condition Cool: ☑ Yes ☐ No Intact: ☒ Yes ☐ No	CHECKED BY: (Initials) AP	Turnaround Time: Standard ☐ Rush ☐ Thermometer ID #113 #140 Correction Factor -0.5°C TO 3

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H251910											✓						
31	WS25-32 0'-2'	C	1			X							10.31.25	11:30	X	X	X
32	WS25-33 0'-2'	C	1			X							10.31.25	11:35	X	X	X
33	WS25-34 0'-2'	C	1			X							10.31.25	11:40	X	X	X
34	WS25-35 0'-2'	C	1			X							10.31.25	11:45	X	X	X
35	WS25-36 0'-2'	C	1			X							10.31.25	11:50	X	X	X
36	WS25-37 2'-3'	C	1			X							10.31.25	11:55	X	X	X
37	WS25-38 2'-4'	C	1			X							10.31.25	12:00	X	X	X
38	WS25-39 2'-4'	C	1			X							10.31.25	12:05	X	X	X
39	WS25-40 2'-3'	C	1			X							10.31.25	12:10	X	X	X
40	WS25-41 2'-3'	C	1			X							10.31.25	12:15	X	X	X

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Relinquished By:	Date: 11.3.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1234		All Results are emailed. Please provide Email address: cdixon@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.4 Corrected Temp. °C 0.7	Sample Condition Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials) AT	Turnaround Time: Standard ☑ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.5°C TO 3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H25610																	
41	WS25-42 2'-6.5'	C	1			X							10.31.25	12:20	X	X	X
42	WS25-43 2'-4'	C	1			X							10.31.25	13:40	X	X	X
43	BS25-212 2'	C	1			X							10.31.25	13:45	X	X	X

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Relinquished By:	Date: 11.3.25 Time: 1234	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address: cdixon@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.4 Corrected Temp. °C 0.7	Sample Condition Cool: Yes Intact: Yes / No No	CHECKED BY: (Initials) PP	Turnaround Time: Standard ☑ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.5°C +0.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 11/13/2025 6:27:47 PM

JOB DESCRIPTION

Stark 5 Fed Com 701H

JOB NUMBER

885-37193-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

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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
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Stark 5 Fed Com 701H

Laboratory Job ID: 885-37193-1

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Definitions/Glossary

Client: Vertex Job ID: 885-37193-1
Project/Site: Stark 5 Fed Com 701H

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: Stark 5 Fed Com 701H

Job ID: 885-37193-1

Job ID: 885-37193-1 Eurofins Albuquerque

Job Narrative
885-37193-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/8/2025 8:00 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 5.1°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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-38235 and analytical batch 885-38228 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015D_DRO: Surrogate recovery for the following sample is outside the lower control limit: (CCV 885-38228/30). Corresponding CCV shows low surrogate. However, samples show surrogate within range that apply to this CCV. Therefore, data is reported.

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

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

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701H

Job ID: 885-37193-1

Client Sample ID: BS25-105 3.25

Date Collected: 11/06/25 10:00
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37193-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8		mg/Kg		11/10/25 17:07	11/13/25 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/10/25 17:07*	*11/13/25 00:52*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/10/25 17:07	11/13/25 00:52	1
Ethylbenzene	ND		0.048		mg/Kg		11/10/25 17:07	11/13/25 00:52	1
Toluene	ND		0.048		mg/Kg		11/10/25 17:07	11/13/25 00:52	1
Xylenes, Total	ND		0.096		mg/Kg		11/10/25 17:07	11/13/25 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/10/25 17:07*	*11/13/25 00:52*	*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		10		mg/Kg		11/11/25 09:41	11/11/25 18:51	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/11/25 09:41	11/11/25 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*	*11/11/25 09:41*	*11/11/25 18:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**420**		50		mg/Kg		11/11/25 06:44	11/11/25 09:52	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701H

Job ID: 885-37193-1

Client Sample ID: BS25-108 4.25

Date Collected: 11/06/25 10:30
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37193-2

Matrix: Solid

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		4.7		mg/Kg		11/10/25 17:07	11/13/25 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/10/25 17:07*	*11/13/25 01:16*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/10/25 17:07	11/13/25 01:16	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 17:07	11/13/25 01:16	1
Toluene	ND		0.047		mg/Kg		11/10/25 17:07	11/13/25 01:16	1
Xylenes, Total	ND		0.094		mg/Kg		11/10/25 17:07	11/13/25 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*15 - 150*	*11/10/25 17:07*	*11/13/25 01:16*	*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		11/11/25 09:41	11/11/25 19:02	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/11/25 09:41	11/11/25 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*78*		*62 - 134*	*11/11/25 09:41*	*11/11/25 19:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**330**		50		mg/Kg		11/11/25 06:44	11/11/25 10:03	10

Client Sample Results

Client: Vertex
Job ID: 885-37193-1
Project/Site: Stark 5 Fed Com 701H

Client Sample ID: BS25-111 4.25
Lab Sample ID: 885-37193-3
Date Collected: 11/06/25 11:00
Matrix: Solid
Date Received: 11/08/25 08:00

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		4.8		mg/Kg		11/10/25 17:07	11/13/25 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*15 - 150*	*11/10/25 17:07*	*11/13/25 01:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/10/25 17:07	11/13/25 01:39	1
Ethylbenzene	ND		0.048		mg/Kg		11/10/25 17:07	11/13/25 01:39	1
Toluene	ND		0.048		mg/Kg		11/10/25 17:07	11/13/25 01:39	1
Xylenes, Total	ND		0.097		mg/Kg		11/10/25 17:07	11/13/25 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/10/25 17:07*	*11/13/25 01:39*	*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		9.6		mg/Kg		11/11/25 09:41	11/11/25 19:14	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/11/25 09:41	11/11/25 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*	*11/11/25 09:41*	*11/11/25 19:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		51		mg/Kg		11/11/25 06:44	11/11/25 10:13	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701H

Job ID: 885-37193-1

Client Sample ID: BS25-120 3.25

Date Collected: 11/06/25 11:45
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37193-4

Matrix: Solid

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		4.7		mg/Kg		11/10/25 17:07	11/13/25 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 17:07*	*11/13/25 02:03*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/10/25 17:07	11/13/25 02:03	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 17:07	11/13/25 02:03	1
Toluene	ND		0.047		mg/Kg		11/10/25 17:07	11/13/25 02:03	1
Xylenes, Total	ND		0.094		mg/Kg		11/10/25 17:07	11/13/25 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 17:07*	*11/13/25 02:03*	*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		11/11/25 09:41	11/11/25 19:26	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/11/25 09:41	11/11/25 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*11/11/25 09:41*	*11/11/25 19:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		50		mg/Kg		11/11/25 06:44	11/11/25 10:23	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701H

Job ID: 885-37193-1

Client Sample ID: BS25-121 3.25

Date Collected: 11/06/25 13:30
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37193-5

Matrix: Solid

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		4.7		mg/Kg		11/10/25 17:07	11/13/25 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 17:07*	*11/13/25 02:27*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/10/25 17:07	11/13/25 02:27	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 17:07	11/13/25 02:27	1
Toluene	ND		0.047		mg/Kg		11/10/25 17:07	11/13/25 02:27	1
Xylenes, Total	ND		0.095		mg/Kg		11/10/25 17:07	11/13/25 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/10/25 17:07*	*11/13/25 02:27*	*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		11/11/25 09:41	11/11/25 19:38	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/11/25 09:41	11/11/25 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*78*		*62 - 134*	*11/11/25 09:41*	*11/11/25 19:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**320**		51		mg/Kg		11/11/25 06:44	11/11/25 10:34	10

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701H

Job ID: 885-37193-1

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

Lab Sample ID: MB 885-38211/1-A
Matrix: Solid
Analysis Batch: 38354

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38211

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		11/10/25 17:07	11/12/25 18:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 17:07*	*11/12/25 18:08*	*1*

Lab Sample ID: LCS 885-38211/2-A
Matrix: Solid
Analysis Batch: 38354

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38211

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	26.6		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*215*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-38211/1-A
Matrix: Solid
Analysis Batch: 38355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38211

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/10/25 17:07	11/12/25 18:08	1
Ethylbenzene	ND		0.050		mg/Kg		11/10/25 17:07	11/12/25 18:08	1
Toluene	ND		0.050		mg/Kg		11/10/25 17:07	11/12/25 18:08	1
Xylenes, Total	ND		0.10		mg/Kg		11/10/25 17:07	11/12/25 18:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 17:07*	*11/12/25 18:08*	*1*

Lab Sample ID: LCS 885-38211/3-A
Matrix: Solid
Analysis Batch: 38355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38211

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.938		mg/Kg		94	70 - 130		
Ethylbenzene			1.00	0.956		mg/Kg		96	70 - 130		
Toluene			1.00	0.964		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*15 - 150*

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701H

Job ID: 885-37193-1

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

Lab Sample ID: MB 885-38235/1-A
Matrix: Solid
Analysis Batch: 38228

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38235

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		11/11/25 09:41	11/11/25 16:06	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/11/25 09:41	11/11/25 16:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*67*		*62 - 134*	*11/11/25 09:41*	*11/11/25 16:06*	*1*

Lab Sample ID: LCS 885-38235/2-A
Matrix: Solid
Analysis Batch: 38228

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38235

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	42.7		mg/Kg		85	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*67*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-38220/1-A
Matrix: Solid
Analysis Batch: 38222

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38220

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		11/11/25 06:44	11/11/25 07:48	1

Lab Sample ID: LCS 885-38220/2-A
Matrix: Solid
Analysis Batch: 38222

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38220

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			49.2	48.4		mg/Kg		99	90 - 110		

QC Association Summary

Client: Vertex
Job ID: 885-37193-1
Project/Site: Stark 5 Fed Com 701H

GC VOA

Prep Batch: 38211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37193-1	BS25-105 3.25	Total/NA	Solid	5030C	
885-37193-2	BS25-108 4.25	Total/NA	Solid	5030C	
885-37193-3	BS25-111 4.25	Total/NA	Solid	5030C	
885-37193-4	BS25-120 3.25	Total/NA	Solid	5030C	
885-37193-5	BS25-121 3.25	Total/NA	Solid	5030C	
MB 885-38211/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38211/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38211/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 38354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37193-1	BS25-105 3.25	Total/NA	Solid	8015M/D	38211
885-37193-2	BS25-108 4.25	Total/NA	Solid	8015M/D	38211
885-37193-3	BS25-111 4.25	Total/NA	Solid	8015M/D	38211
885-37193-4	BS25-120 3.25	Total/NA	Solid	8015M/D	38211
885-37193-5	BS25-121 3.25	Total/NA	Solid	8015M/D	38211
MB 885-38211/1-A	Method Blank	Total/NA	Solid	8015M/D	38211
LCS 885-38211/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38211

Analysis Batch: 38355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37193-1	BS25-105 3.25	Total/NA	Solid	8021B	38211
885-37193-2	BS25-108 4.25	Total/NA	Solid	8021B	38211
885-37193-3	BS25-111 4.25	Total/NA	Solid	8021B	38211
885-37193-4	BS25-120 3.25	Total/NA	Solid	8021B	38211
885-37193-5	BS25-121 3.25	Total/NA	Solid	8021B	38211
MB 885-38211/1-A	Method Blank	Total/NA	Solid	8021B	38211
LCS 885-38211/3-A	Lab Control Sample	Total/NA	Solid	8021B	38211

GC Semi VOA

Analysis Batch: 38228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37193-1	BS25-105 3.25	Total/NA	Solid	8015M/D	38235
885-37193-2	BS25-108 4.25	Total/NA	Solid	8015M/D	38235
885-37193-3	BS25-111 4.25	Total/NA	Solid	8015M/D	38235
885-37193-4	BS25-120 3.25	Total/NA	Solid	8015M/D	38235
885-37193-5	BS25-121 3.25	Total/NA	Solid	8015M/D	38235
MB 885-38235/1-A	Method Blank	Total/NA	Solid	8015M/D	38235
LCS 885-38235/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38235

Prep Batch: 38235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37193-1	BS25-105 3.25	Total/NA	Solid	SHAKE	
885-37193-2	BS25-108 4.25	Total/NA	Solid	SHAKE	
885-37193-3	BS25-111 4.25	Total/NA	Solid	SHAKE	
885-37193-4	BS25-120 3.25	Total/NA	Solid	SHAKE	
885-37193-5	BS25-121 3.25	Total/NA	Solid	SHAKE	
MB 885-38235/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38235/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex
Job ID: 885-37193-1
Project/Site: Stark 5 Fed Com 701H

HPLC/IC

Prep Batch: 38220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37193-1	BS25-105 3.25	Total/NA	Solid	300_Prep	
885-37193-2	BS25-108 4.25	Total/NA	Solid	300_Prep	
885-37193-3	BS25-111 4.25	Total/NA	Solid	300_Prep	
885-37193-4	BS25-120 3.25	Total/NA	Solid	300_Prep	
885-37193-5	BS25-121 3.25	Total/NA	Solid	300_Prep	
MB 885-38220/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38220/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 38222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37193-1	BS25-105 3.25	Total/NA	Solid	300.0	38220
885-37193-2	BS25-108 4.25	Total/NA	Solid	300.0	38220
885-37193-3	BS25-111 4.25	Total/NA	Solid	300.0	38220
885-37193-4	BS25-120 3.25	Total/NA	Solid	300.0	38220
885-37193-5	BS25-121 3.25	Total/NA	Solid	300.0	38220
MB 885-38220/1-A	Method Blank	Total/NA	Solid	300.0	38220
LCS 885-38220/2-A	Lab Control Sample	Total/NA	Solid	300.0	38220

Lab Chronicle

Client: Vertex
Job ID: 885-37193-1
Project/Site: Stark 5 Fed Com 701H

Client Sample ID: BS25-105 3.25
Lab Sample ID: 885-37193-1
Date Collected: 11/06/25 10:00
Matrix: Solid
Date Received: 11/08/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8015M/D		1	38354	VP	EET ALB	11/13/25 00:52
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/13/25 00:52
Total/NA	Prep	SHAKE			38235	EM	EET ALB	11/11/25 09:41
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 18:51
Total/NA	Prep	300_Prep			38220	JT	EET ALB	11/11/25 06:44
Total/NA	Analysis	300.0		10	38222	JT	EET ALB	11/11/25 09:52

Client Sample ID: BS25-108 4.25
Lab Sample ID: 885-37193-2
Date Collected: 11/06/25 10:30
Matrix: Solid
Date Received: 11/08/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8015M/D		1	38354	VP	EET ALB	11/13/25 01:16
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/13/25 01:16
Total/NA	Prep	SHAKE			38235	EM	EET ALB	11/11/25 09:41
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 19:02
Total/NA	Prep	300_Prep			38220	JT	EET ALB	11/11/25 06:44
Total/NA	Analysis	300.0		10	38222	JT	EET ALB	11/11/25 10:03

Client Sample ID: BS25-111 4.25
Lab Sample ID: 885-37193-3
Date Collected: 11/06/25 11:00
Matrix: Solid
Date Received: 11/08/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8015M/D		1	38354	VP	EET ALB	11/13/25 01:39
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/13/25 01:39
Total/NA	Prep	SHAKE			38235	EM	EET ALB	11/11/25 09:41
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 19:14
Total/NA	Prep	300_Prep			38220	JT	EET ALB	11/11/25 06:44
Total/NA	Analysis	300.0		10	38222	JT	EET ALB	11/11/25 10:13

Client Sample ID: BS25-120 3.25
Lab Sample ID: 885-37193-4
Date Collected: 11/06/25 11:45
Matrix: Solid
Date Received: 11/08/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8015M/D		1	38354	VP	EET ALB	11/13/25 02:03

Lab Chronicle

Client: Vertex
Job ID: 885-37193-1
Project/Site: Stark 5 Fed Com 701H

Client Sample ID: BS25-120 3.25
Lab Sample ID: 885-37193-4
Date Collected: 11/06/25 11:45
Matrix: Solid
Date Received: 11/08/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/13/25 02:03
Total/NA	Prep	SHAKE			38235	EM	EET ALB	11/11/25 09:41
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 19:26
Total/NA	Prep	300_Prep			38220	JT	EET ALB	11/11/25 06:44
Total/NA	Analysis	300.0		10	38222	JT	EET ALB	11/11/25 10:23

Client Sample ID: BS25-121 3.25
Lab Sample ID: 885-37193-5
Date Collected: 11/06/25 13:30
Matrix: Solid
Date Received: 11/08/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8015M/D		1	38354	VP	EET ALB	11/13/25 02:27
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/13/25 02:27
Total/NA	Prep	SHAKE			38235	EM	EET ALB	11/11/25 09:41
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 19:38
Total/NA	Prep	300_Prep			38220	JT	EET ALB	11/11/25 06:44
Total/NA	Analysis	300.0		10	38222	JT	EET ALB	11/11/25 10:34

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex Job ID: 885-37193-1
Project/Site: Stark 5 Fed Com 701H

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-26

Released to Imaging: 2/11/2026 1:58:40 PM
Received by OCD: 1/13/2026 6:24:50 PM

Chain-of-Custody Record

Client: Vertex

Direct bill EOG

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☑ Rush 4 Day Standard

Project Name: Stark 5 Fed Com 701H

Project #: 25A-01241

Project Manager: Chance Dixon

Sampler: AH

On Ice: ☑ Yes ☐ No Joe

# of Coolers: 1

Cooler Temp (including CF): 4.9+0.2=5.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

885-37193 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TRH: 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)
11-6-25	10:00	Soil	BS25-105 3.25'	1.4oz	ICE											
	10:30		BS25-108 4.25'													
	11:00		BS25-111 4.25'													
	11:45		BS25-120 3.25'													
	1330		BS25-121 3.25'													

Date	Time	Relinquished by:	Received by	Via	Date	Time
11-6-25	17:00	Austin Hargis				
11/7/25	1900			Courier	11/8/25	8:00

Remarks: CC: cdixon@vertexresource.com
permian@vertexresource.com
aharris@vertexresource.com
jlewis@vertexresource.com

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: 885-37193-1

Login Number: 37193 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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

CARDINAL Laboratories

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

November 18, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 11/17/25 12:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 98 6' (H257213-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	11/17/2025	ND	2.13	107	2.00	3.11	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.05	102	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.18	103	6.00	3.85	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**720**	16.0	11/18/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	182	90.8	200	0.602	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	178	88.9	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane *75.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *62.6 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: WS25 - 58 5-6' (H257213-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	11/17/2025	ND	2.13	107	2.00	3.11	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.05	102	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.18	103	6.00	3.85	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**768**	16.0	11/18/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	182	90.8	200	0.602	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	178	88.9	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane *71.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *59.8 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 112 5.5' (H257213-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	11/17/2025	ND	2.13	107	2.00	3.11	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.05	102	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.18	103	6.00	3.85	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	11/18/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	182	90.8	200	0.602	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	178	88.9	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane *74.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *61.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Page 463 of 742

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex
Project Manager: Chance Dixon
Address: 3101 Boyd Dr
City: Carlsbad State: NM Zip: 88220
Phone #: 575-988-1472 Fax #:
Project #: 25A-01241 Project Owner: EOG
Project Name: Stark 5 Fed Com 701H
Project Location: Lea
Sampler Name: AH

BILL TO
P.O. #:
Company: EOG
Attn: Chase Settle
Address: 5509 Champions Dr
City: Midland
State: TX Zip: 79706
Phone #: 575-703-5537
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV: ACID/BASE:	ICE	COOL	OTHER:	SAMPLING DATE	SAMPLING TIME	8TEX 8021	TPH 8015 (GRO/DRO/MRO)	Chloride
H257213-1	BS25-9B	6'	C	1			X					X			11-13-25	13:00	X	X	X
2	WS25-5B	5-6'	C	1			X					X				13:30	X	X	X
3	BS25-11B	5.5'	C	1			X					X				14:00	X	X	X

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Relinquished By: Austin Hankins Date: 11-13-25 Time: 16:00 Received By:
Relinquished By: Date: 11-17-25 Time: 1342 Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS: CC: cdixon@vertexresource.com
permian@vertexresource.com aharris@vertexresource.com

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:
Observed Temp. °C -0.1
Corrected Temp. °C 0.2
Sample Condition Cool: Yes Intact: Yes
CHECKED BY: (Initials)

Turnaround Time: Standard ☐ Rush ☒ 24HR
Thermometer ID #140
Correction Factor -0.6°C
Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.3 08/05/24

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

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

November 18, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 11/17/25 12:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 203 5.25' (H257214-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	11/17/2025	ND	2.13	107	2.00	3.11	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.05	102	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.18	103	6.00	3.85	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**608**	16.0	11/18/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	182	90.8	200	0.602	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	178	88.9	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane *75.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *65.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 204 3.25' (H257214-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	11/17/2025	ND	2.13	107	2.00	3.11	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.05	102	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.18	103	6.00	3.85	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	11/18/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	182	90.8	200	0.602	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	178	88.9	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane *75.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *65.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 246 5.25' (H257214-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	11/17/2025	ND	2.13	107	2.00	3.11	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.05	102	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.18	103	6.00	3.85	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	11/18/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	182	90.8	200	0.602	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	178	88.9	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane *72.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *61.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 249 2.25' (H257214-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	11/17/2025	ND	2.13	107	2.00	3.11	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.05	102	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.18	103	6.00	3.85	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/18/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	182	90.8	200	0.602	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	178	88.9	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane *53.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *45.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: BS25 - 251 2.25' (H257214-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	11/17/2025	ND	2.13	107	2.00	3.11	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.05	102	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.18	103	6.00	3.85	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	11/18/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	173	86.7	200	0.567	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	176	88.1	200	0.387	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane *74.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: WS25 - 30 2-5' (H257214-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.04	102	2.00	3.83	
Toluene*	<0.050	0.050	11/17/2025	ND	2.13	107	2.00	3.11	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.05	102	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.18	103	6.00	3.85	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/18/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	173	86.7	200	0.567	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	176	88.1	200	0.387	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane *89.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: WS25 - 48 2-3' (H257214-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.16	108	2.00	2.44	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	2.72	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.10	105	2.00	3.04	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.32	105	6.00	2.72	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.7 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**656**	16.0	11/18/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	173	86.7	200	0.567	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	176	88.1	200	0.387	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane *83.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: WS25 - 49 2-4' (H257214-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.16	108	2.00	2.44	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	2.72	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.10	105	2.00	3.04	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.32	105	6.00	2.72	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.0 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**576**	16.0	11/18/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	173	86.7	200	0.567	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	176	88.1	200	0.387	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane *77.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY		

Sample ID: WS25 - 51 4-5' (H257214-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2025	ND	2.16	108	2.00	2.44	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	2.72	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.10	105	2.00	3.04	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.32	105	6.00	2.72	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.2 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	11/18/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2025	ND	173	86.7	200	0.567	
DRO >C10-C28*	<10.0	10.0	11/17/2025	ND	176	88.1	200	0.387	
EXT DRO >C28-C36	<10.0	10.0	11/17/2025	ND					

Surrogate: 1-Chlorooctane *79.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.1 %* *39.9-141*

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Page 475 of 742

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Vertex
Project Manager:	Chance Dixon
Address:	3101 Boyd Dr
City:	Carlsbad
State:	NM
Zip:	88220
Phone #:	575-988-1472
Fax #:	
Project #:	25A-01241
Project Owner:	
Project Name:	Stark 5 Fed Com 701H
Project Location:	Lea
Sampler Name:	AH

BILL TO

P.O. #:	
Company:	EOG
Attn:	Chase Settle
Address:	5509 Champions Dr
City:	Midland
State:	TX
Zip:	79706
Phone #:	575-703-5537
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.: H257214

	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE	COOL	OTHER:	SAMPLING: DATE	TIME	BTEX 8021	TPH 8015 (GRO/DRO/MRO)	Chloride
1	BS25-203	5.25'	C	1			SOIL					ICE			11.13.25	0900			
2	BS25-204	3.25'														0910			
3	BS25-246	5.25'														0920			
4	BS25-249	2.25'														0930			
5	BS25-251	2.25'														0940			
6	WS25-30	2-5'														0950			
7	WS25-48	2-3'														1000			
8	WS25-49	2-4'														1010			
9	WS25-51	4-5'														1020			

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NO LABELS

Relinquished By:	Austin Harris	Date:	11.13.25
		Time:	12:00
Received By:			
Relinquished By:		Date:	11-17-25
		Time:	1242
Received By:	Tamara Oldaker		

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

All Results are emailed. Please provide Email address:

REMARKS: CC: cdixon@vertexresource.com permian@vertexresource.com aharris@vertexresource.com

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Observed Temp. °C: -0.1 Corrected Temp. °C: 0.2

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

CHECKED BY: (Initials) JO

Turnaround Time: Standard ☐ Rush ☑ 24 HR

Thermometer ID #140 Correction Factor -0.6°C 10:35 11/17/25

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.3 08/05/24

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

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

December 10, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 11/24/25 11:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 25A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 10-Dec-25 17:18

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BS25 - 98 6.25'	H257373-01	Soil	20-Nov-25 09:00	24-Nov-25 11:00
BS25 - 107 5'	H257373-02	Soil	20-Nov-25 09:05	24-Nov-25 11:00
BS25 - 203 5.5'	H257373-03	Soil	20-Nov-25 09:10	24-Nov-25 11:00
BS25 - 222 6.5'	H257373-04	Soil	20-Nov-25 09:20	24-Nov-25 11:00
BS25 - 223 6.5'	H257373-05	Soil	20-Nov-25 09:30	24-Nov-25 11:00
WS25 - 48 2'-3'	H257373-06	Soil	20-Nov-25 09:40	24-Nov-25 11:00
WS25 - 58 5'-6.25'	H257373-07	Soil	20-Nov-25 09:45	24-Nov-25 11:00

12/10/25 - The wrong sample ID was logged in for samples -01 thru -05 orginally. This is the corrected report and will replace the one sent on 12/02/25.

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 25A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 10-Dec-25 17:18

BS25 - 98 6.25'

H257373-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	5112521	HM	25-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*70.4-141*		*5112436*	JH	*26-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5112462	MS	26-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5112462	MS	26-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5112462	MS	26-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*112 %*	*52.4-130*		*5112462*	MS	*26-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*104 %*	*39.9-141*		*5112462*	MS	*26-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 25A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 10-Dec-25 17:18

BS25 - 107 5'

H257373-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	5112521	HM	25-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*70.4-141*		*5112436*	JH	*26-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5112462	MS	26-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5112462	MS	26-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5112462	MS	26-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*72.8 %*	*52.4-130*		*5112462*	MS	*26-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*66.6 %*	*39.9-141*		*5112462*	MS	*26-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 25A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 10-Dec-25 17:18

BS25 - 203 5.5'

H257373-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**416**		16.0	mg/kg	4	5112521	HM	25-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*114 %*	*70.4-141*		*5112436*	JH	*26-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*82.1 %*	*52.4-130*		*5112463*	MS	*26-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.4 %*	*39.9-141*		*5112463*	MS	*26-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 25A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 10-Dec-25 17:18

BS25 - 222 6.5'

H257373-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1140**		16.0	mg/kg	4	5112521	HM	25-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*70.4-141*		*5112436*	JH	*26-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*80.9 %*	*52.4-130*		*5112463*	MS	*26-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.4 %*	*39.9-141*		*5112463*	MS	*26-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 25A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 10-Dec-25 17:18

BS25 - 223 6.5'

H257373-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5112521	HM	25-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*70.4-141*		*5112436*	JH	*26-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*81.4 %*	*52.4-130*		*5112463*	MS	*26-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.3 %*	*39.9-141*		*5112463*	MS	*26-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 25A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 10-Dec-25 17:18

WS25 - 48 2'-3'

H257373-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	5112521	HM	25-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*70.4-141*		*5112436*	JH	*26-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*86.3 %*	*52.4-130*		*5112463*	MS	*26-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.0 %*	*39.9-141*		*5112463*	MS	*26-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 25A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 10-Dec-25 17:18

WS25 - 58 5'-6.25'

H257373-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**320**		16.0	mg/kg	4	5112521	HM	25-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5112436	JH	26-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*70.4-141*		*5112436*	JH	*26-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5112463	MS	26-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*83.7 %*	*52.4-130*		*5112463*	MS	*26-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.0 %*	*39.9-141*		*5112463*	MS	*26-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 25A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 10-Dec-25 17:18

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112521 - 1:4 DI Water										
Blank (5112521-BLK1)				Prepared & Analyzed: 25-Nov-25						
Chloride	ND	16.0	mg/kg							
LCS (5112521-BS1)				Prepared & Analyzed: 25-Nov-25						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5112521-BSD1)				Prepared & Analyzed: 25-Nov-25						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 25A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 10-Dec-25 17:18

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112436 - Volatiles										
Blank (5112436-BLK1)				Prepared: 24-Nov-25 Analyzed: 26-Nov-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0511*		mg/kg	*0.0500*		*102*	*70.4-141*			
LCS (5112436-BS1)				Prepared: 24-Nov-25 Analyzed: 26-Nov-25						
Benzene	1.86	0.050	mg/kg	2.00		93.2	71-111			
Toluene	2.07	0.050	mg/kg	2.00		104	75-116			
Ethylbenzene	2.15	0.050	mg/kg	2.00		108	74.2-119			
m,p-Xylene	4.45	0.100	mg/kg	4.00		111	72.5-123			
o-Xylene	2.22	0.050	mg/kg	2.00		111	70.5-124			
Total Xylenes	6.67	0.150	mg/kg	6.00		111	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0495*		mg/kg	*0.0500*		*99.1*	*70.4-141*			
LCS Dup (5112436-BSD1)				Prepared: 24-Nov-25 Analyzed: 26-Nov-25						
Benzene	1.92	0.050	mg/kg	2.00		95.8	71-111	2.71	17.6	
Toluene	2.16	0.050	mg/kg	2.00		108	75-116	4.16	14.8	
Ethylbenzene	2.19	0.050	mg/kg	2.00		110	74.2-119	1.77	14.2	
m,p-Xylene	4.51	0.100	mg/kg	4.00		113	72.5-123	1.16	13.6	
o-Xylene	2.27	0.050	mg/kg	2.00		113	70.5-124	2.26	13.7	
Total Xylenes	6.77	0.150	mg/kg	6.00		113	72.2-123	1.53	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0535*		mg/kg	*0.0500*		*107*	*70.4-141*			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 25A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 10-Dec-25 17:18

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112462 - General Prep - Organics										
Blank (5112462-BLK1)				Prepared: 24-Nov-25 Analyzed: 25-Nov-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*51.5*		mg/kg	*50.0*		*103*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*48.4*		mg/kg	*50.0*		*96.7*	*39.9-141*			
LCS (5112462-BS1)				Prepared: 24-Nov-25 Analyzed: 25-Nov-25						
GRO C6-C10	197	10.0	mg/kg	200		98.6	78.7-123			
DRO >C10-C28	187	10.0	mg/kg	200		93.7	74.8-123			
Total TPH C6-C28	385	10.0	mg/kg	400		96.1	78.6-121			
Surrogate: 1-Chlorooctane	*49.8*		mg/kg	*50.0*		*99.5*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*47.2*		mg/kg	*50.0*		*94.4*	*39.9-141*			
LCS Dup (5112462-BSD1)				Prepared: 24-Nov-25 Analyzed: 25-Nov-25						
GRO C6-C10	206	10.0	mg/kg	200		103	78.7-123	4.36	11.3	
DRO >C10-C28	198	10.0	mg/kg	200		98.8	74.8-123	5.31	10.9	
Total TPH C6-C28	404	10.0	mg/kg	400		101	78.6-121	4.83	10.5	
Surrogate: 1-Chlorooctane	*54.3*		mg/kg	*50.0*		*109*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*51.5*		mg/kg	*50.0*		*103*	*39.9-141*			
Batch 5112463 - General Prep - Organics										
Blank (5112463-BLK1)				Prepared: 24-Nov-25 Analyzed: 26-Nov-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*44.3*		mg/kg	*50.0*		*88.6*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*42.0*		mg/kg	*50.0*		*84.0*	*39.9-141*			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: STARK 5 FEDERAL COM #701H Project Number: 25A - 01241 Project Manager: CHANCE DIXON Fax To: NA	Reported: 10-Dec-25 17:18

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112463 - General Prep - Organics										
LCS (5112463-BS1)				Prepared: 24-Nov-25 Analyzed: 26-Nov-25						
GRO C6-C10	196	10.0	mg/kg	200		98.2	78.7-123			
DRO >C10-C28	185	10.0	mg/kg	200		92.5	74.8-123			
Total TPH C6-C28	381	10.0	mg/kg	400		95.4	78.6-121			
Surrogate: 1-Chlorooctane	*44.4*		mg/kg	*50.0*		*88.8*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*43.3*		mg/kg	*50.0*		*86.6*	*39.9-141*			
LCS Dup (5112463-BSD1)				Prepared: 24-Nov-25 Analyzed: 26-Nov-25						
GRO C6-C10	203	10.0	mg/kg	200		101	78.7-123	3.16	11.3	
DRO >C10-C28	194	10.0	mg/kg	200		97.2	74.8-123	5.00	10.9	
Total TPH C6-C28	397	10.0	mg/kg	400		99.3	78.6-121	4.05	10.5	
Surrogate: 1-Chlorooctane	*47.1*		mg/kg	*50.0*		*94.2*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*46.6*		mg/kg	*50.0*		*93.1*	*39.9-141*			

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H257373																	
1	BS25-98 6.25'	C	1			X							11.20.25	9:00	X	X	X
2	BS25-107 5'	C	1			X							11.20.25	9:05	X	X	X
3	BS25-203 5.5'	C	1			X							11.20.25	9:10	X	X	X
4	BS25-222 6.5'	C	1			X							11.20.25	9:20	X	X	X
5	BS25-223 6.5'	C	1			X							11.20.25	9:30	X	X	X
6	WS25-48 2'-3'	C	1			X							11.20.25	9:40	X	X	X
7	WS25-58 5'-6.25'	C	1			X							11.20.25	9:45	X	X	X

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Relinquished By:	Date: 11.24.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1100		All Results are emailed. Please provide Email address: cdixon@vertexresource.com jrewis@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources
	Time:		NO Labels
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.5 Corrected Temp. °C 4.8	Sample Condition Cool Intact ☑ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) MD

Turnaround Time: Standard ☑ Bacteria (only) Sample Condition
Rush ☐ Cool Intact Observed Temp. °C
Thermometer ID #113 #140
Correction Factor -0.3°C +0.3
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 1/13/2026 6:24:50 PM

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eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 11/18/2025 11:04:40 AM Revision 1

JOB DESCRIPTION

Stark 5 Fed Com 701 H

JOB NUMBER

885-37122-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/11/2026 1:38:40 PM

Eurofins Albuquerque

Job Notes

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

Authorization



Generated
11/18/2025 11:04:40 AM
Revision 1

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Laboratory Job ID: 885-37122-1

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Definitions/Glossary

Client: Vertex Job ID: 885-37122-1
Project/Site: Stark 5 Fed Com 701 H

Qualifiers

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.
F1	MS and/or MSD recovery exceeds control limits.

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 Job ID: 885-37122-1
Project: Stark 5 Fed Com 701 H

Job ID: 885-37122-1 Eurofins Albuquerque

Job Narrative
885-37122-1

REVISION

The report being provided is a revision of the original report sent on 11/13/2025. The report (revision 1) is being revised due to Collection date incorrectly put at 11/5 for some samples.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/7/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

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
Method 300_OF_28D_PREC: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-38120 and 885-38121 and analytical batch 885-38122 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-163 3'
Date Collected: 11/04/25 12:10
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		11/07/25 15:15	11/11/25 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/07/25 15:15*	*11/11/25 22:09*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/07/25 15:15	11/11/25 22:09	1
Ethylbenzene	ND		0.047		mg/Kg		11/07/25 15:15	11/11/25 22:09	1
Toluene	ND		0.047		mg/Kg		11/07/25 15:15	11/11/25 22:09	1
Xylenes, Total	ND		0.094		mg/Kg		11/07/25 15:15	11/11/25 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/07/25 15:15*	*11/11/25 22:09*	*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]	ND		9.6		mg/Kg		11/10/25 09:22	11/10/25 17:21	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 09:22	11/10/25 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*11/10/25 09:22*	*11/10/25 17:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND	F1	49		mg/Kg		11/08/25 12:13	11/09/25 11:27	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-185 3'

Date Collected: 11/04/25 12:20
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-2

Matrix: Solid

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		4.7		mg/Kg		11/07/25 15:15	11/11/25 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*11/07/25 15:15*	*11/11/25 23:14*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/07/25 15:15	11/11/25 23:14	1
Ethylbenzene	ND		0.047		mg/Kg		11/07/25 15:15	11/11/25 23:14	1
Toluene	ND		0.047		mg/Kg		11/07/25 15:15	11/11/25 23:14	1
Xylenes, Total	ND		0.095		mg/Kg		11/07/25 15:15	11/11/25 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/07/25 15:15*	*11/11/25 23:14*	*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		11/10/25 09:22	11/10/25 17:33	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 09:22	11/10/25 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*11/10/25 09:22*	*11/10/25 17:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**590**		50		mg/Kg		11/08/25 12:13	11/09/25 12:00	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-187 3'

Date Collected: 11/04/25 12:30
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-3

Matrix: Solid

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		4.9		mg/Kg		11/07/25 15:15	11/12/25 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 15:15*	*11/12/25 00:20*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 15:15	11/12/25 00:20	1
Ethylbenzene	ND		0.049		mg/Kg		11/07/25 15:15	11/12/25 00:20	1
Toluene	ND		0.049		mg/Kg		11/07/25 15:15	11/12/25 00:20	1
Xylenes, Total	ND		0.098		mg/Kg		11/07/25 15:15	11/12/25 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 15:15*	*11/12/25 00:20*	*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		11/10/25 09:22	11/10/25 17:44	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 09:22	11/10/25 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*11/10/25 09:22*	*11/10/25 17:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		51		mg/Kg		11/08/25 12:13	11/09/25 12:54	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-194 3'

Date Collected: 11/04/25 12:40
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-4

Matrix: Solid

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		4.7		mg/Kg		11/07/25 15:15	11/12/25 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 15:15*	*11/12/25 00:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/07/25 15:15	11/12/25 00:41	1
Ethylbenzene	ND		0.047		mg/Kg		11/07/25 15:15	11/12/25 00:41	1
Toluene	ND		0.047		mg/Kg		11/07/25 15:15	11/12/25 00:41	1
Xylenes, Total	ND		0.093		mg/Kg		11/07/25 15:15	11/12/25 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 15:15*	*11/12/25 00:41*	*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]	ND		9.7		mg/Kg		11/10/25 09:22	11/10/25 17:56	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 09:22	11/10/25 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*11/10/25 09:22*	*11/10/25 17:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		49		mg/Kg		11/08/25 12:13	11/09/25 13:05	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-198 3'

Date Collected: 11/04/25 12:50
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-5

Matrix: Solid

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		4.9		mg/Kg		11/07/25 15:15	11/12/25 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 15:15*	*11/12/25 01:03*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 15:15	11/12/25 01:03	1
Ethylbenzene	ND		0.049		mg/Kg		11/07/25 15:15	11/12/25 01:03	1
Toluene	ND		0.049		mg/Kg		11/07/25 15:15	11/12/25 01:03	1
Xylenes, Total	ND		0.099		mg/Kg		11/07/25 15:15	11/12/25 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 15:15*	*11/12/25 01:03*	*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		11/10/25 09:22	11/10/25 18:08	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 09:22	11/10/25 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*11/10/25 09:22*	*11/10/25 18:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**390**		50		mg/Kg		11/08/25 12:13	11/09/25 13:16	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-201 3'

Date Collected: 11/04/25 13:00
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-6

Matrix: Solid

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		4.6		mg/Kg		11/07/25 15:15	11/12/25 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 15:15*	*11/12/25 01:25*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/07/25 15:15	11/12/25 01:25	1
Ethylbenzene	ND		0.046		mg/Kg		11/07/25 15:15	11/12/25 01:25	1
Toluene	ND		0.046		mg/Kg		11/07/25 15:15	11/12/25 01:25	1
Xylenes, Total	ND		0.091		mg/Kg		11/07/25 15:15	11/12/25 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 15:15*	*11/12/25 01:25*	*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		9.5		mg/Kg		11/10/25 09:22	11/10/25 18:19	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 09:22	11/10/25 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*11/10/25 09:22*	*11/10/25 18:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**470**		50		mg/Kg		11/08/25 12:13	11/09/25 13:26	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-203 5'

Date Collected: 11/04/25 13:10
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-7

Matrix: Solid

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		4.9		mg/Kg		11/07/25 15:15	11/12/25 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 15:15*	*11/12/25 01:47*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 15:15	11/12/25 01:47	1
Ethylbenzene	ND		0.049		mg/Kg		11/07/25 15:15	11/12/25 01:47	1
Toluene	ND		0.049		mg/Kg		11/07/25 15:15	11/12/25 01:47	1
Xylenes, Total	ND		0.098		mg/Kg		11/07/25 15:15	11/12/25 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 15:15*	*11/12/25 01:47*	*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		9.9		mg/Kg		11/10/25 09:22	11/10/25 18:31	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/10/25 09:22	11/10/25 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*	*11/10/25 09:22*	*11/10/25 18:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**650**		50		mg/Kg		11/08/25 12:13	11/09/25 13:37	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-204 3'

Date Collected: 11/04/25 13:20
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-8

Matrix: Solid

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		4.6		mg/Kg		11/07/25 15:15	11/12/25 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 15:15*	*11/12/25 02:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/07/25 15:15	11/12/25 02:08	1
Ethylbenzene	ND		0.046		mg/Kg		11/07/25 15:15	11/12/25 02:08	1
Toluene	ND		0.046		mg/Kg		11/07/25 15:15	11/12/25 02:08	1
Xylenes, Total	ND		0.092		mg/Kg		11/07/25 15:15	11/12/25 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 15:15*	*11/12/25 02:08*	*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		9.6		mg/Kg		11/10/25 09:22	11/10/25 18:43	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 09:22	11/10/25 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*11/10/25 09:22*	*11/10/25 18:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**650**		50		mg/Kg		11/08/25 12:13	11/09/25 13:48	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-242 4'

Date Collected: 11/04/25 13:30
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-9

Matrix: Solid

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		4.6		mg/Kg		11/07/25 15:15	11/12/25 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 15:15*	*11/12/25 02:30*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/07/25 15:15	11/12/25 02:30	1
Ethylbenzene	ND		0.046		mg/Kg		11/07/25 15:15	11/12/25 02:30	1
Toluene	ND		0.046		mg/Kg		11/07/25 15:15	11/12/25 02:30	1
Xylenes, Total	ND		0.092		mg/Kg		11/07/25 15:15	11/12/25 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/07/25 15:15*	*11/12/25 02:30*	*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		9.5		mg/Kg		11/10/25 09:22	11/10/25 18:55	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 09:22	11/10/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*11/10/25 09:22*	*11/10/25 18:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		50		mg/Kg		11/08/25 12:13	11/09/25 13:59	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-243 4'

Date Collected: 11/04/25 13:40
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-10

Matrix: Solid

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		4.8		mg/Kg		11/07/25 15:15	11/12/25 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 15:15*	*11/12/25 02:52*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/07/25 15:15	11/12/25 02:52	1
Ethylbenzene	ND		0.048		mg/Kg		11/07/25 15:15	11/12/25 02:52	1
Toluene	ND		0.048		mg/Kg		11/07/25 15:15	11/12/25 02:52	1
Xylenes, Total	ND		0.096		mg/Kg		11/07/25 15:15	11/12/25 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 15:15*	*11/12/25 02:52*	*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		9.4		mg/Kg		11/10/25 09:22	11/10/25 19:06	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 09:22	11/10/25 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*11/10/25 09:22*	*11/10/25 19:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		50		mg/Kg		11/08/25 12:13	11/09/25 14:10	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-244 4'

Date Collected: 11/04/25 13:50
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-11

Matrix: Solid

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		4.7		mg/Kg		11/07/25 15:15	11/12/25 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*11/07/25 15:15*	*11/12/25 03:57*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/07/25 15:15	11/12/25 03:57	1
Ethylbenzene	ND		0.047		mg/Kg		11/07/25 15:15	11/12/25 03:57	1
Toluene	ND		0.047		mg/Kg		11/07/25 15:15	11/12/25 03:57	1
Xylenes, Total	ND		0.095		mg/Kg		11/07/25 15:15	11/12/25 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/07/25 15:15*	*11/12/25 03:57*	*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		11/10/25 09:22	11/10/25 19:30	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 09:22	11/10/25 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*11/10/25 09:22*	*11/10/25 19:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		50		mg/Kg		11/08/25 12:13	11/09/25 14:21	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-245 4'

Date Collected: 11/04/25 14:00
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-12

Matrix: Solid

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		5.0		mg/Kg		11/07/25 15:15	11/12/25 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 15:15*	*11/12/25 04:18*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 15:15	11/12/25 04:18	1
Ethylbenzene	ND		0.050		mg/Kg		11/07/25 15:15	11/12/25 04:18	1
Toluene	ND		0.050		mg/Kg		11/07/25 15:15	11/12/25 04:18	1
Xylenes, Total	ND		0.099		mg/Kg		11/07/25 15:15	11/12/25 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 15:15*	*11/12/25 04:18*	*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]	ND		9.9		mg/Kg		11/10/25 09:22	11/10/25 19:41	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 09:22	11/10/25 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*11/10/25 09:22*	*11/10/25 19:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		50		mg/Kg		11/08/25 12:13	11/09/25 14:32	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-246 5'
Date Collected: 11/04/25 14:05
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-13
Matrix: Solid

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		4.7		mg/Kg		11/07/25 15:15	11/12/25 04:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 15:15*	*11/12/25 04:40*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/07/25 15:15	11/12/25 04:40	1
Ethylbenzene	ND		0.047		mg/Kg		11/07/25 15:15	11/12/25 04:40	1
Toluene	ND		0.047		mg/Kg		11/07/25 15:15	11/12/25 04:40	1
Xylenes, Total	ND		0.094		mg/Kg		11/07/25 15:15	11/12/25 04:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/07/25 15:15*	*11/12/25 04:40*	*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		11/10/25 09:22	11/10/25 19:53	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/10/25 09:22	11/10/25 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*11/10/25 09:22*	*11/10/25 19:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1100**		50		mg/Kg		11/08/25 12:13	11/09/25 15:04	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-247 3'

Date Collected: 11/04/25 14:10
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-14

Matrix: Solid

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		4.6		mg/Kg		11/07/25 15:15	11/12/25 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 15:15*	*11/12/25 05:02*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/07/25 15:15	11/12/25 05:02	1
Ethylbenzene	ND		0.046		mg/Kg		11/07/25 15:15	11/12/25 05:02	1
Toluene	ND		0.046		mg/Kg		11/07/25 15:15	11/12/25 05:02	1
Xylenes, Total	ND		0.091		mg/Kg		11/07/25 15:15	11/12/25 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 15:15*	*11/12/25 05:02*	*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		9.9		mg/Kg		11/10/25 09:22	11/10/25 20:05	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/10/25 09:22	11/10/25 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*11/10/25 09:22*	*11/10/25 20:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**460**		51		mg/Kg		11/08/25 12:13	11/09/25 15:15	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-248 3'

Date Collected: 11/04/25 14:15
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-15

Matrix: Solid

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		4.9		mg/Kg		11/07/25 15:15	11/12/25 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 15:15*	*11/12/25 05:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 15:15	11/12/25 05:23	1
Ethylbenzene	ND		0.049		mg/Kg		11/07/25 15:15	11/12/25 05:23	1
Toluene	ND		0.049		mg/Kg		11/07/25 15:15	11/12/25 05:23	1
Xylenes, Total	ND		0.098		mg/Kg		11/07/25 15:15	11/12/25 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 15:15*	*11/12/25 05:23*	*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		11/10/25 09:22	11/10/25 20:16	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 09:22	11/10/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*	*11/10/25 09:22*	*11/10/25 20:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**340**		49		mg/Kg		11/08/25 12:13	11/09/25 15:26	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-249 2'

Date Collected: 11/04/25 14:20
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-16

Matrix: Solid

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		4.6		mg/Kg		11/07/25 15:15	11/12/25 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*11/07/25 15:15*	*11/12/25 05:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/07/25 15:15	11/12/25 05:45	1
Ethylbenzene	ND		0.046		mg/Kg		11/07/25 15:15	11/12/25 05:45	1
Toluene	ND		0.046		mg/Kg		11/07/25 15:15	11/12/25 05:45	1
Xylenes, Total	ND		0.092		mg/Kg		11/07/25 15:15	11/12/25 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*11/07/25 15:15*	*11/12/25 05:45*	*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		9.5		mg/Kg		11/10/25 09:22	11/10/25 20:28	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 09:22	11/10/25 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/10/25 09:22*	*11/10/25 20:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**710**		50		mg/Kg		11/08/25 12:13	11/09/25 15:37	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-252 3'

Date Collected: 11/04/25 14:30
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-17

Matrix: Solid

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		4.7		mg/Kg		11/07/25 15:15	11/12/25 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/07/25 15:15*	*11/12/25 06:07*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/07/25 15:15	11/12/25 06:07	1
Ethylbenzene	ND		0.047		mg/Kg		11/07/25 15:15	11/12/25 06:07	1
Toluene	ND		0.047		mg/Kg		11/07/25 15:15	11/12/25 06:07	1
Xylenes, Total	ND		0.093		mg/Kg		11/07/25 15:15	11/12/25 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/07/25 15:15*	*11/12/25 06:07*	*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		10		mg/Kg		11/10/25 09:22	11/10/25 20:40	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/10/25 09:22	11/10/25 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*11/10/25 09:22*	*11/10/25 20:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		50		mg/Kg		11/08/25 12:13	11/09/25 15:47	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-253 4'
Date Collected: 11/04/25 14:40
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-18
Matrix: Solid

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		4.9		mg/Kg		11/07/25 15:15	11/12/25 06:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 15:15*	*11/12/25 06:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 15:15	11/12/25 06:28	1
Ethylbenzene	ND		0.049		mg/Kg		11/07/25 15:15	11/12/25 06:28	1
Toluene	ND		0.049		mg/Kg		11/07/25 15:15	11/12/25 06:28	1
Xylenes, Total	ND		0.099		mg/Kg		11/07/25 15:15	11/12/25 06:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*11/07/25 15:15*	*11/12/25 06:28*	*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		11/10/25 09:22	11/10/25 20:51	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 09:22	11/10/25 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*11/10/25 09:22*	*11/10/25 20:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**480**		50		mg/Kg		11/08/25 12:13	11/09/25 15:58	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-132 3'

Date Collected: 11/04/25 14:50
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-19

Matrix: Solid

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		4.9		mg/Kg		11/07/25 15:15	11/12/25 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 15:15*	*11/12/25 06:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 15:15	11/12/25 06:50	1
Ethylbenzene	ND		0.049		mg/Kg		11/07/25 15:15	11/12/25 06:50	1
Toluene	ND		0.049		mg/Kg		11/07/25 15:15	11/12/25 06:50	1
Xylenes, Total	ND		0.098		mg/Kg		11/07/25 15:15	11/12/25 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/07/25 15:15*	*11/12/25 06:50*	*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		11/10/25 09:22	11/10/25 21:03	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 09:22	11/10/25 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*	*11/10/25 09:22*	*11/10/25 21:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		49		mg/Kg		11/08/25 12:13	11/09/25 16:09	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-44 2-3'

Date Collected: 11/04/25 15:00
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-20

Matrix: Solid

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		4.7		mg/Kg		11/07/25 15:15	11/12/25 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 15:15*	*11/12/25 07:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/07/25 15:15	11/12/25 07:12	1
Ethylbenzene	ND		0.047		mg/Kg		11/07/25 15:15	11/12/25 07:12	1
Toluene	ND		0.047		mg/Kg		11/07/25 15:15	11/12/25 07:12	1
Xylenes, Total	ND		0.095		mg/Kg		11/07/25 15:15	11/12/25 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*11/07/25 15:15*	*11/12/25 07:12*	*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		9.9		mg/Kg		11/10/25 09:22	11/10/25 21:14	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/10/25 09:22	11/10/25 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*71*		*62 - 134*	*11/10/25 09:22*	*11/10/25 21:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		11/08/25 12:13	11/09/25 16:20	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-45 2-3'

Date Collected: 11/04/25 15:10
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-21

Matrix: Solid

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		4.9		mg/Kg		11/07/25 16:31	11/12/25 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 16:31*	*11/12/25 12:51*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 16:31	11/12/25 12:51	1
Ethylbenzene	ND		0.049		mg/Kg		11/07/25 16:31	11/12/25 12:51	1
Toluene	ND		0.049		mg/Kg		11/07/25 16:31	11/12/25 12:51	1
Xylenes, Total	ND		0.099		mg/Kg		11/07/25 16:31	11/12/25 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 16:31*	*11/12/25 12:51*	*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		9.8		mg/Kg		11/10/25 09:57	11/10/25 22:24	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 09:57	11/10/25 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/10/25 09:57*	*11/10/25 22:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		50		mg/Kg		11/08/25 12:34	11/09/25 16:31	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-46 2-3'
Date Collected: 11/04/25 15:20
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-22
Matrix: Solid

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		5.0		mg/Kg		11/07/25 16:31	11/12/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/07/25 16:31*	*11/12/25 13:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 16:31	11/12/25 13:56	1
Ethylbenzene	ND		0.050		mg/Kg		11/07/25 16:31	11/12/25 13:56	1
Toluene	ND		0.050		mg/Kg		11/07/25 16:31	11/12/25 13:56	1
Xylenes, Total	ND		0.099		mg/Kg		11/07/25 16:31	11/12/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/07/25 16:31*	*11/12/25 13:56*	*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]	ND		9.8		mg/Kg		11/10/25 09:57	11/10/25 22:35	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 09:57	11/10/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/10/25 09:57*	*11/10/25 22:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**	**F1**	51		mg/Kg		11/08/25 12:34	11/09/25 17:25	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-47 2-3'
Date Collected: 11/04/25 15:30
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-23
Matrix: Solid

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		4.8		mg/Kg		11/07/25 16:31	11/12/25 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 16:31*	*11/12/25 15:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/07/25 16:31	11/12/25 15:01	1
Ethylbenzene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 15:01	1
Toluene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 15:01	1
Xylenes, Total	ND		0.097		mg/Kg		11/07/25 16:31	11/12/25 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/07/25 16:31*	*11/12/25 15:01*	*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		9.9		mg/Kg		11/10/25 09:57	11/10/25 22:47	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 09:57	11/10/25 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*83*		*62 - 134*	*11/10/25 09:57*	*11/10/25 22:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**420**		50		mg/Kg		11/08/25 12:34	11/09/25 17:58	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-250 2'

Date Collected: 11/04/25 14:24
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-24

Matrix: Solid

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		4.8		mg/Kg		11/07/25 16:31	11/12/25 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 16:31*	*11/12/25 15:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/07/25 16:31	11/12/25 15:22	1
Ethylbenzene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 15:22	1
Toluene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 15:22	1
Xylenes, Total	ND		0.096		mg/Kg		11/07/25 16:31	11/12/25 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 16:31*	*11/12/25 15:22*	*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		9.6		mg/Kg		11/10/25 09:57	11/10/25 22:58	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 09:57	11/10/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*	*11/10/25 09:57*	*11/10/25 22:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		50		mg/Kg		11/08/25 12:34	11/09/25 18:08	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-251 2'
Date Collected: 11/04/25 14:28
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-25
Matrix: Solid

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		4.9		mg/Kg		11/07/25 16:31	11/12/25 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 16:31*	*11/12/25 15:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 16:31	11/12/25 15:44	1
Ethylbenzene	ND		0.049		mg/Kg		11/07/25 16:31	11/12/25 15:44	1
Toluene	ND		0.049		mg/Kg		11/07/25 16:31	11/12/25 15:44	1
Xylenes, Total	ND		0.098		mg/Kg		11/07/25 16:31	11/12/25 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 16:31*	*11/12/25 15:44*	*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		11/10/25 09:57	11/10/25 23:10	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 09:57	11/10/25 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*11/10/25 09:57*	*11/10/25 23:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**720**		51		mg/Kg		11/08/25 12:34	11/09/25 18:19	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-254 2'

Date Collected: 11/04/25 14:43
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-26

Matrix: Solid

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		4.8		mg/Kg		11/07/25 16:31	11/12/25 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 16:31*	*11/12/25 16:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/07/25 16:31	11/12/25 16:06	1
Ethylbenzene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 16:06	1
Toluene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 16:06	1
Xylenes, Total	ND		0.096		mg/Kg		11/07/25 16:31	11/12/25 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 16:31*	*11/12/25 16:06*	*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]	ND		9.1		mg/Kg		11/10/25 09:57	11/10/25 23:21	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		11/10/25 09:57	11/10/25 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*11/10/25 09:57*	*11/10/25 23:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**290**		51		mg/Kg		11/08/25 12:34	11/09/25 18:30	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-255 2'

Date Collected: 11/04/25 14:45
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-27

Matrix: Solid

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		4.8		mg/Kg		11/07/25 16:31	11/12/25 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*11/07/25 16:31*	*11/12/25 16:27*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/07/25 16:31	11/12/25 16:27	1
Ethylbenzene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 16:27	1
Toluene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 16:27	1
Xylenes, Total	ND		0.096		mg/Kg		11/07/25 16:31	11/12/25 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/07/25 16:31*	*11/12/25 16:27*	*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		11/10/25 09:57	11/10/25 23:33	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 09:57	11/10/25 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*11/10/25 09:57*	*11/10/25 23:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**450**		49		mg/Kg		11/08/25 12:34	11/09/25 18:41	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-30 2-5'
Date Collected: 11/04/25 15:32
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-28
Matrix: Solid

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		4.9		mg/Kg		11/07/25 16:31	11/12/25 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 16:31*	*11/12/25 16:49*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 16:31	11/12/25 16:49	1
Ethylbenzene	ND		0.049		mg/Kg		11/07/25 16:31	11/12/25 16:49	1
Toluene	ND		0.049		mg/Kg		11/07/25 16:31	11/12/25 16:49	1
Xylenes, Total	ND		0.098		mg/Kg		11/07/25 16:31	11/12/25 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*11/07/25 16:31*	*11/12/25 16:49*	*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		9.6		mg/Kg		11/10/25 09:57	11/10/25 23:44	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 09:57	11/10/25 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*11/10/25 09:57*	*11/10/25 23:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**660**		50		mg/Kg		11/08/25 12:34	11/09/25 19:14	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-48 2-3'

Date Collected: 11/04/25 15:38
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-29

Matrix: Solid

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		4.8		mg/Kg		11/07/25 16:31	11/12/25 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 16:31*	*11/12/25 17:11*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/07/25 16:31	11/12/25 17:11	1
Ethylbenzene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 17:11	1
Toluene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 17:11	1
Xylenes, Total	ND		0.097		mg/Kg		11/07/25 16:31	11/12/25 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 16:31*	*11/12/25 17:11*	*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		9.8		mg/Kg		11/10/25 09:57	11/11/25 00:08	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 09:57	11/11/25 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*	*11/10/25 09:57*	*11/11/25 00:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**730**		51		mg/Kg		11/08/25 12:34	11/09/25 19:24	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-49 2-4'

Date Collected: 11/04/25 15:40
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-30

Matrix: Solid

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		4.8		mg/Kg		11/07/25 16:31	11/12/25 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 16:31*	*11/12/25 17:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/07/25 16:31	11/12/25 17:32	1
Ethylbenzene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 17:32	1
Toluene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 17:32	1
Xylenes, Total	ND		0.096		mg/Kg		11/07/25 16:31	11/12/25 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/07/25 16:31*	*11/12/25 17:32*	*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		10		mg/Kg		11/10/25 09:57	11/11/25 00:19	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/10/25 09:57	11/11/25 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*	*11/10/25 09:57*	*11/11/25 00:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**810**		51		mg/Kg		11/08/25 12:34	11/09/25 19:35	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-50 3-4'

Date Collected: 11/04/25 15:45
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-31

Matrix: Solid

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		5.0		mg/Kg		11/07/25 16:31	11/12/25 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 16:31*	*11/12/25 18:16*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 16:31	11/12/25 18:16	1
Ethylbenzene	ND		0.050		mg/Kg		11/07/25 16:31	11/12/25 18:16	1
Toluene	ND		0.050		mg/Kg		11/07/25 16:31	11/12/25 18:16	1
Xylenes, Total	ND		0.099		mg/Kg		11/07/25 16:31	11/12/25 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 16:31*	*11/12/25 18:16*	*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		11/10/25 09:57	11/11/25 00:30	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 09:57	11/11/25 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*11/10/25 09:57*	*11/11/25 00:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		50		mg/Kg		11/08/25 12:34	11/09/25 19:46	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-51 4-5'

Date Collected: 11/04/25 15:50
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-32

Matrix: Solid

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		5.0		mg/Kg		11/07/25 16:31	11/12/25 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/07/25 16:31*	*11/12/25 18:37*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 16:31	11/12/25 18:37	1
Ethylbenzene	ND		0.050		mg/Kg		11/07/25 16:31	11/12/25 18:37	1
Toluene	ND		0.050		mg/Kg		11/07/25 16:31	11/12/25 18:37	1
Xylenes, Total	ND		0.099		mg/Kg		11/07/25 16:31	11/12/25 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 16:31*	*11/12/25 18:37*	*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		9.8		mg/Kg		11/10/25 09:57	11/11/25 00:42	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 09:57	11/11/25 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*11/10/25 09:57*	*11/11/25 00:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1100**		49		mg/Kg		11/08/25 12:34	11/09/25 19:57	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-52 3-4'

Date Collected: 11/04/25 15:55
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-33

Matrix: Solid

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		5.0		mg/Kg		11/07/25 16:31	11/12/25 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 16:31*	*11/12/25 18:59*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 16:31	11/12/25 18:59	1
Ethylbenzene	ND		0.050		mg/Kg		11/07/25 16:31	11/12/25 18:59	1
Toluene	ND		0.050		mg/Kg		11/07/25 16:31	11/12/25 18:59	1
Xylenes, Total	ND		0.099		mg/Kg		11/07/25 16:31	11/12/25 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 16:31*	*11/12/25 18:59*	*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		11/10/25 09:57	11/11/25 00:54	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 09:57	11/11/25 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*11/10/25 09:57*	*11/11/25 00:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		50		mg/Kg		11/08/25 12:34	11/09/25 20:08	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-53 2-3'

Date Collected: 11/04/25 16:00
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-34

Matrix: Solid

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		5.0		mg/Kg		11/07/25 16:31	11/12/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/07/25 16:31*	*11/12/25 19:21*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 16:31	11/12/25 19:21	1
Ethylbenzene	ND		0.050		mg/Kg		11/07/25 16:31	11/12/25 19:21	1
Toluene	ND		0.050		mg/Kg		11/07/25 16:31	11/12/25 19:21	1
Xylenes, Total	ND		0.099		mg/Kg		11/07/25 16:31	11/12/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/07/25 16:31*	*11/12/25 19:21*	*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		11/10/25 09:57	11/11/25 01:05	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 09:57	11/11/25 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*	*11/10/25 09:57*	*11/11/25 01:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**580**		50		mg/Kg		11/08/25 12:34	11/09/25 20:19	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-54 5-5.5'

Date Collected: 11/04/25 16:05
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-35

Matrix: Solid

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		4.8		mg/Kg		11/07/25 16:31	11/12/25 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/07/25 16:31*	*11/12/25 19:42*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/07/25 16:31	11/12/25 19:42	1
Ethylbenzene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 19:42	1
Toluene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 19:42	1
Xylenes, Total	ND		0.095		mg/Kg		11/07/25 16:31	11/12/25 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/07/25 16:31*	*11/12/25 19:42*	*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		11/10/25 09:57	11/11/25 01:16	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 09:57	11/11/25 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/10/25 09:57*	*11/11/25 01:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**420**		50		mg/Kg		11/08/25 12:34	11/09/25 20:30	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-55 2-3'

Date Collected: 11/04/25 16:10
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-36

Matrix: Solid

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		4.8		mg/Kg		11/07/25 16:31	11/12/25 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/07/25 16:31*	*11/12/25 20:04*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/07/25 16:31	11/12/25 20:04	1
Ethylbenzene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 20:04	1
Toluene	ND		0.048		mg/Kg		11/07/25 16:31	11/12/25 20:04	1
Xylenes, Total	ND		0.097		mg/Kg		11/07/25 16:31	11/12/25 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/07/25 16:31*	*11/12/25 20:04*	*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		9.9		mg/Kg		11/10/25 09:57	11/11/25 01:28	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 09:57	11/11/25 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*	*11/10/25 09:57*	*11/11/25 01:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**330**		51		mg/Kg		11/08/25 12:34	11/09/25 20:40	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-56 3-5'

Date Collected: 11/04/25 16:15
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-37

Matrix: Solid

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		4.9		mg/Kg		11/07/25 16:31	11/12/25 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/07/25 16:31*	*11/12/25 20:26*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 16:31	11/12/25 20:26	1
Ethylbenzene	ND		0.049		mg/Kg		11/07/25 16:31	11/12/25 20:26	1
Toluene	ND		0.049		mg/Kg		11/07/25 16:31	11/12/25 20:26	1
Xylenes, Total	ND		0.099		mg/Kg		11/07/25 16:31	11/12/25 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*11/07/25 16:31*	*11/12/25 20:26*	*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]	ND		9.5		mg/Kg		11/10/25 09:57	11/11/25 01:39	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 09:57	11/11/25 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*11/10/25 09:57*	*11/11/25 01:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**330**		50		mg/Kg		11/08/25 12:34	11/09/25 20:51	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: WS25-57 3-5'

Date Collected: 11/04/25 16:20
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-38

Matrix: Solid

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		4.9		mg/Kg		11/07/25 16:31	11/12/25 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/07/25 16:31*	*11/12/25 20:48*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 16:31	11/12/25 20:48	1
Ethylbenzene	ND		0.049		mg/Kg		11/07/25 16:31	11/12/25 20:48	1
Toluene	ND		0.049		mg/Kg		11/07/25 16:31	11/12/25 20:48	1
Xylenes, Total	ND		0.099		mg/Kg		11/07/25 16:31	11/12/25 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/07/25 16:31*	*11/12/25 20:48*	*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		11/10/25 09:57	11/11/25 01:51	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 09:57	11/11/25 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*11/10/25 09:57*	*11/11/25 01:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		51		mg/Kg		11/08/25 12:34	11/09/25 21:24	10

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

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

Lab Sample ID: MB 885-38091/1-A
Matrix: Solid
Analysis Batch: 38316

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38091

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		11/07/25 15:15	11/11/25 21:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/07/25 15:15*	*11/11/25 21:47*	*1*

Lab Sample ID: LCS 885-38091/2-A
Matrix: Solid
Analysis Batch: 38316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38091

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	23.8		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*200*		*15 - 150*

Lab Sample ID: 885-37122-1 MS
Matrix: Solid
Analysis Batch: 38316

Client Sample ID: BS25-163 3'
Prep Type: Total/NA
Prep Batch: 38091

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		23.7	20.9		mg/Kg		88	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*197*		*15 - 150*

Lab Sample ID: 885-37122-1 MSD
Matrix: Solid
Analysis Batch: 38316

Client Sample ID: BS25-163 3'
Prep Type: Total/NA
Prep Batch: 38091

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		23.6	20.5		mg/Kg		87	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*197*		*15 - 150*

Lab Sample ID: MB 885-38094/1-A
Matrix: Solid
Analysis Batch: 38323

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38094

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		11/07/25 16:31	11/12/25 12:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*11/07/25 16:31*	*11/12/25 12:29*	*1*

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

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

Lab Sample ID: LCS 885-38094/2-A
Matrix: Solid
Analysis Batch: 38323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38094

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	24.2		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*201*		*15 - 150*

Lab Sample ID: 885-37122-21 MS
Matrix: Solid
Analysis Batch: 38323

Client Sample ID: WS25-45 2-3'
Prep Type: Total/NA
Prep Batch: 38094

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		24.5	23.1		mg/Kg		94	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*201*		*15 - 150*

Lab Sample ID: 885-37122-21 MSD
Matrix: Solid
Analysis Batch: 38323

Client Sample ID: WS25-45 2-3'
Prep Type: Total/NA
Prep Batch: 38094

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		24.5	21.6		mg/Kg		88	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*194*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-38091/1-A
Matrix: Solid
Analysis Batch: 38315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38091

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 15:15	11/11/25 21:47	1
Ethylbenzene	ND		0.050		mg/Kg		11/07/25 15:15	11/11/25 21:47	1
Toluene	ND		0.050		mg/Kg		11/07/25 15:15	11/11/25 21:47	1
Xylenes, Total	ND		0.10		mg/Kg		11/07/25 15:15	11/11/25 21:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/07/25 15:15*	*11/11/25 21:47*	*1*

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

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

Lab Sample ID: LCS 885-38091/3-A
Matrix: Solid
Analysis Batch: 38315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38091

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.962		mg/Kg		96	70 - 130		
Ethylbenzene			1.00	0.967		mg/Kg		97	70 - 130		
Toluene			1.00	0.966		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*

Lab Sample ID: 885-37122-2 MS
Matrix: Solid
Analysis Batch: 38315

Client Sample ID: BS25-185 3'
Prep Type: Total/NA
Prep Batch: 38091

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.948	0.899		mg/Kg		95	70 - 130		
Ethylbenzene	ND		0.948	0.916		mg/Kg		97	70 - 130		
Toluene	ND		0.948	0.900		mg/Kg		95	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*

Lab Sample ID: 885-37122-2 MSD
Matrix: Solid
Analysis Batch: 38315

Client Sample ID: BS25-185 3'
Prep Type: Total/NA
Prep Batch: 38091

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.947	0.905		mg/Kg		96	70 - 130	1	20
Ethylbenzene	ND		0.947	0.928		mg/Kg		98	70 - 130	1	20
Toluene	ND		0.947	0.920		mg/Kg		97	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*

Lab Sample ID: MB 885-38094/1-A
Matrix: Solid
Analysis Batch: 38324

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38094

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/07/25 16:31	11/12/25 12:29	1
Ethylbenzene	ND		0.050		mg/Kg		11/07/25 16:31	11/12/25 12:29	1
Toluene	ND		0.050		mg/Kg		11/07/25 16:31	11/12/25 12:29	1
Xylenes, Total	ND		0.10		mg/Kg		11/07/25 16:31	11/12/25 12:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*11/07/25 16:31*	*11/12/25 12:29*	*1*

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

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

Lab Sample ID: LCS 885-38094/3-A
Matrix: Solid
Analysis Batch: 38324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38094

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.963		mg/Kg		96	70 - 130		
Ethylbenzene			1.00	0.978		mg/Kg		98	70 - 130		
Toluene			1.00	0.974		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*

Lab Sample ID: 885-37122-22 MS
Matrix: Solid
Analysis Batch: 38324

Client Sample ID: WS25-46 2-3'
Prep Type: Total/NA
Prep Batch: 38094

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.988	0.896		mg/Kg		91	70 - 130		
Ethylbenzene	ND		0.988	0.925		mg/Kg		94	70 - 130		
Toluene	ND		0.988	0.911		mg/Kg		92	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*

Lab Sample ID: 885-37122-22 MSD
Matrix: Solid
Analysis Batch: 38324

Client Sample ID: WS25-46 2-3'
Prep Type: Total/NA
Prep Batch: 38094

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.985	0.923		mg/Kg		94	70 - 130	3	20
Ethylbenzene	ND		0.985	0.962		mg/Kg		98	70 - 130	4	20
Toluene	ND		0.985	0.948		mg/Kg		96	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*

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

Lab Sample ID: MB 885-38138/1-A
Matrix: Solid
Analysis Batch: 38140

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38138

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		11/10/25 09:22	11/10/25 16:58	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/10/25 09:22	11/10/25 16:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*11/10/25 09:22*	*11/10/25 16:58*	*1*

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

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

Lab Sample ID: LCS 885-38138/2-A
Matrix: Solid
Analysis Batch: 38140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38138

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	40.0		mg/Kg		80	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*

Lab Sample ID: 885-37122-20 MS
Matrix: Solid
Analysis Batch: 38140

Client Sample ID: WS25-44 2-3'
Prep Type: Total/NA
Prep Batch: 38138

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		47.3	39.4		mg/Kg		83	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*

Lab Sample ID: 885-37122-20 MSD
Matrix: Solid
Analysis Batch: 38140

Client Sample ID: WS25-44 2-3'
Prep Type: Total/NA
Prep Batch: 38138

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		49.8	47.8		mg/Kg		96	44 - 136	19	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*

Lab Sample ID: MB 885-38143/1-A
Matrix: Solid
Analysis Batch: 38140

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38143

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		11/10/25 09:57	11/10/25 22:01	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/10/25 09:57	11/10/25 22:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*	*11/10/25 09:57*	*11/10/25 22:01*	*1*

Lab Sample ID: LCS 885-38143/2-A
Matrix: Solid
Analysis Batch: 38140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38143

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	49.9		mg/Kg		100	51 - 148		

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

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

Lab Sample ID: LCS 885-38143/2-A
Matrix: Solid
Analysis Batch: 38140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38143

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	91		62 - 134

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-38120/1-A
Matrix: Solid
Analysis Batch: 38122

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38120

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		11/08/25 12:13	11/09/25 10:41	1

Lab Sample ID: LCS 885-38120/2-A
Matrix: Solid
Analysis Batch: 38122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38120

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	49.2		mg/Kg		98	90 - 110		

Lab Sample ID: 885-37122-1 MS
Matrix: Solid
Analysis Batch: 38122

Client Sample ID: BS25-163 3'
Prep Type: Total/NA
Prep Batch: 38120

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND	F1	49.7	94.0		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-37122-2 MS
Matrix: Solid
Analysis Batch: 38122

Client Sample ID: BS25-185 3'
Prep Type: Total/NA
Prep Batch: 38120

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	590		50.5	655	4	mg/Kg		133	50 - 150		

Lab Sample ID: MB 885-38121/1-A
Matrix: Solid
Analysis Batch: 38122

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38121

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		11/08/25 12:34	11/09/25 11:02	1

Lab Sample ID: LCS 885-38121/2-A
Matrix: Solid
Analysis Batch: 38122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38121

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.7	50.4		mg/Kg		99	90 - 110		

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-37122-21 MS
Matrix: Solid
Analysis Batch: 38122

Client Sample ID: WS25-45 2-3'
Prep Type: Total/NA
Prep Batch: 38121

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	190		50.5	227		mg/Kg		79	50 - 150

Lab Sample ID: 885-37122-21 MSD
Matrix: Solid
Analysis Batch: 38122

Client Sample ID: WS25-45 2-3'
Prep Type: Total/NA
Prep Batch: 38121

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	190		50.5	245		mg/Kg		114	50 - 150	7	20

QC Association Summary

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

GC VOA

Prep Batch: 38091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-1	BS25-163 3'	Total/NA	Solid	5030C	
885-37122-2	BS25-185 3'	Total/NA	Solid	5030C	
885-37122-3	BS25-187 3'	Total/NA	Solid	5030C	
885-37122-4	BS25-194 3'	Total/NA	Solid	5030C	
885-37122-5	BS25-198 3'	Total/NA	Solid	5030C	
885-37122-6	BS25-201 3'	Total/NA	Solid	5030C	
885-37122-7	BS25-203 5'	Total/NA	Solid	5030C	
885-37122-8	BS25-204 3'	Total/NA	Solid	5030C	
885-37122-9	BS25-242 4'	Total/NA	Solid	5030C	
885-37122-10	BS25-243 4'	Total/NA	Solid	5030C	
885-37122-11	BS25-244 4'	Total/NA	Solid	5030C	
885-37122-12	BS25-245 4'	Total/NA	Solid	5030C	
885-37122-13	BS25-246 5'	Total/NA	Solid	5030C	
885-37122-14	BS25-247 3'	Total/NA	Solid	5030C	
885-37122-15	BS25-248 3'	Total/NA	Solid	5030C	
885-37122-16	BS25-249 2'	Total/NA	Solid	5030C	
885-37122-17	BS25-252 3'	Total/NA	Solid	5030C	
885-37122-18	BS25-253 4'	Total/NA	Solid	5030C	
885-37122-19	BS25-132 3'	Total/NA	Solid	5030C	
885-37122-20	WS25-44 2-3'	Total/NA	Solid	5030C	
MB 885-38091/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38091/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38091/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-37122-1 MS	BS25-163 3'	Total/NA	Solid	5030C	
885-37122-1 MSD	BS25-163 3'	Total/NA	Solid	5030C	
885-37122-2 MS	BS25-185 3'	Total/NA	Solid	5030C	
885-37122-2 MSD	BS25-185 3'	Total/NA	Solid	5030C	

Prep Batch: 38094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-21	WS25-45 2-3'	Total/NA	Solid	5030C	
885-37122-22	WS25-46 2-3'	Total/NA	Solid	5030C	
885-37122-23	WS25-47 2-3'	Total/NA	Solid	5030C	
885-37122-24	BS25-250 2'	Total/NA	Solid	5030C	
885-37122-25	BS25-251 2'	Total/NA	Solid	5030C	
885-37122-26	BS25-254 2'	Total/NA	Solid	5030C	
885-37122-27	BS25-255 2'	Total/NA	Solid	5030C	
885-37122-28	WS25-30 2-5'	Total/NA	Solid	5030C	
885-37122-29	WS25-48 2-3'	Total/NA	Solid	5030C	
885-37122-30	WS25-49 2-4'	Total/NA	Solid	5030C	
885-37122-31	WS25-50 3-4'	Total/NA	Solid	5030C	
885-37122-32	WS25-51 4-5'	Total/NA	Solid	5030C	
885-37122-33	WS25-52 3-4'	Total/NA	Solid	5030C	
885-37122-34	WS25-53 2-3'	Total/NA	Solid	5030C	
885-37122-35	WS25-54 5-5.5'	Total/NA	Solid	5030C	
885-37122-36	WS25-55 2-3'	Total/NA	Solid	5030C	
885-37122-37	WS25-56 3-5'	Total/NA	Solid	5030C	
885-37122-38	WS25-57 3-5'	Total/NA	Solid	5030C	
MB 885-38094/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38094/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38094/3-A	Lab Control Sample	Total/NA	Solid	5030C	

QC Association Summary

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

GC VOA (Continued)

Prep Batch: 38094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-21 MS	WS25-45 2-3'	Total/NA	Solid	5030C	
885-37122-21 MSD	WS25-45 2-3'	Total/NA	Solid	5030C	
885-37122-22 MS	WS25-46 2-3'	Total/NA	Solid	5030C	
885-37122-22 MSD	WS25-46 2-3'	Total/NA	Solid	5030C	

Analysis Batch: 38315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-1	BS25-163 3'	Total/NA	Solid	8021B	38091
885-37122-2	BS25-185 3'	Total/NA	Solid	8021B	38091
885-37122-3	BS25-187 3'	Total/NA	Solid	8021B	38091
885-37122-4	BS25-194 3'	Total/NA	Solid	8021B	38091
885-37122-5	BS25-198 3'	Total/NA	Solid	8021B	38091
885-37122-6	BS25-201 3'	Total/NA	Solid	8021B	38091
885-37122-7	BS25-203 5'	Total/NA	Solid	8021B	38091
885-37122-8	BS25-204 3'	Total/NA	Solid	8021B	38091
885-37122-9	BS25-242 4'	Total/NA	Solid	8021B	38091
885-37122-10	BS25-243 4'	Total/NA	Solid	8021B	38091
885-37122-11	BS25-244 4'	Total/NA	Solid	8021B	38091
885-37122-12	BS25-245 4'	Total/NA	Solid	8021B	38091
885-37122-13	BS25-246 5'	Total/NA	Solid	8021B	38091
885-37122-14	BS25-247 3'	Total/NA	Solid	8021B	38091
885-37122-15	BS25-248 3'	Total/NA	Solid	8021B	38091
885-37122-16	BS25-249 2'	Total/NA	Solid	8021B	38091
885-37122-17	BS25-252 3'	Total/NA	Solid	8021B	38091
885-37122-18	BS25-253 4'	Total/NA	Solid	8021B	38091
885-37122-19	BS25-132 3'	Total/NA	Solid	8021B	38091
885-37122-20	WS25-44 2-3'	Total/NA	Solid	8021B	38091
MB 885-38091/1-A	Method Blank	Total/NA	Solid	8021B	38091
LCS 885-38091/3-A	Lab Control Sample	Total/NA	Solid	8021B	38091
885-37122-2 MS	BS25-185 3'	Total/NA	Solid	8021B	38091
885-37122-2 MSD	BS25-185 3'	Total/NA	Solid	8021B	38091

Analysis Batch: 38316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-1	BS25-163 3'	Total/NA	Solid	8015M/D	38091
885-37122-2	BS25-185 3'	Total/NA	Solid	8015M/D	38091
885-37122-3	BS25-187 3'	Total/NA	Solid	8015M/D	38091
885-37122-4	BS25-194 3'	Total/NA	Solid	8015M/D	38091
885-37122-5	BS25-198 3'	Total/NA	Solid	8015M/D	38091
885-37122-6	BS25-201 3'	Total/NA	Solid	8015M/D	38091
885-37122-7	BS25-203 5'	Total/NA	Solid	8015M/D	38091
885-37122-8	BS25-204 3'	Total/NA	Solid	8015M/D	38091
885-37122-9	BS25-242 4'	Total/NA	Solid	8015M/D	38091
885-37122-10	BS25-243 4'	Total/NA	Solid	8015M/D	38091
885-37122-11	BS25-244 4'	Total/NA	Solid	8015M/D	38091
885-37122-12	BS25-245 4'	Total/NA	Solid	8015M/D	38091
885-37122-13	BS25-246 5'	Total/NA	Solid	8015M/D	38091
885-37122-14	BS25-247 3'	Total/NA	Solid	8015M/D	38091
885-37122-15	BS25-248 3'	Total/NA	Solid	8015M/D	38091
885-37122-16	BS25-249 2'	Total/NA	Solid	8015M/D	38091
885-37122-17	BS25-252 3'	Total/NA	Solid	8015M/D	38091

QC Association Summary

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

GC VOA (Continued)

Analysis Batch: 38316 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-18	BS25-253 4'	Total/NA	Solid	8015M/D	38091
885-37122-19	BS25-132 3'	Total/NA	Solid	8015M/D	38091
885-37122-20	WS25-44 2-3'	Total/NA	Solid	8015M/D	38091
MB 885-38091/1-A	Method Blank	Total/NA	Solid	8015M/D	38091
LCS 885-38091/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38091
885-37122-1 MS	BS25-163 3'	Total/NA	Solid	8015M/D	38091
885-37122-1 MSD	BS25-163 3'	Total/NA	Solid	8015M/D	38091

Analysis Batch: 38323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-21	WS25-45 2-3'	Total/NA	Solid	8015M/D	38094
885-37122-22	WS25-46 2-3'	Total/NA	Solid	8015M/D	38094
885-37122-23	WS25-47 2-3'	Total/NA	Solid	8015M/D	38094
885-37122-24	BS25-250 2'	Total/NA	Solid	8015M/D	38094
885-37122-25	BS25-251 2'	Total/NA	Solid	8015M/D	38094
885-37122-26	BS25-254 2'	Total/NA	Solid	8015M/D	38094
885-37122-27	BS25-255 2'	Total/NA	Solid	8015M/D	38094
885-37122-28	WS25-30 2-5'	Total/NA	Solid	8015M/D	38094
885-37122-29	WS25-48 2-3'	Total/NA	Solid	8015M/D	38094
885-37122-30	WS25-49 2-4'	Total/NA	Solid	8015M/D	38094
885-37122-31	WS25-50 3-4'	Total/NA	Solid	8015M/D	38094
885-37122-32	WS25-51 4-5'	Total/NA	Solid	8015M/D	38094
885-37122-33	WS25-52 3-4'	Total/NA	Solid	8015M/D	38094
885-37122-34	WS25-53 2-3'	Total/NA	Solid	8015M/D	38094
885-37122-35	WS25-54 5-5.5'	Total/NA	Solid	8015M/D	38094
885-37122-36	WS25-55 2-3'	Total/NA	Solid	8015M/D	38094
885-37122-37	WS25-56 3-5'	Total/NA	Solid	8015M/D	38094
885-37122-38	WS25-57 3-5'	Total/NA	Solid	8015M/D	38094
MB 885-38094/1-A	Method Blank	Total/NA	Solid	8015M/D	38094
LCS 885-38094/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38094
885-37122-21 MS	WS25-45 2-3'	Total/NA	Solid	8015M/D	38094
885-37122-21 MSD	WS25-45 2-3'	Total/NA	Solid	8015M/D	38094

Analysis Batch: 38324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-21	WS25-45 2-3'	Total/NA	Solid	8021B	38094
885-37122-22	WS25-46 2-3'	Total/NA	Solid	8021B	38094
885-37122-23	WS25-47 2-3'	Total/NA	Solid	8021B	38094
885-37122-24	BS25-250 2'	Total/NA	Solid	8021B	38094
885-37122-25	BS25-251 2'	Total/NA	Solid	8021B	38094
885-37122-26	BS25-254 2'	Total/NA	Solid	8021B	38094
885-37122-27	BS25-255 2'	Total/NA	Solid	8021B	38094
885-37122-28	WS25-30 2-5'	Total/NA	Solid	8021B	38094
885-37122-29	WS25-48 2-3'	Total/NA	Solid	8021B	38094
885-37122-30	WS25-49 2-4'	Total/NA	Solid	8021B	38094
885-37122-31	WS25-50 3-4'	Total/NA	Solid	8021B	38094
885-37122-32	WS25-51 4-5'	Total/NA	Solid	8021B	38094
885-37122-33	WS25-52 3-4'	Total/NA	Solid	8021B	38094
885-37122-34	WS25-53 2-3'	Total/NA	Solid	8021B	38094
885-37122-35	WS25-54 5-5.5'	Total/NA	Solid	8021B	38094
885-37122-36	WS25-55 2-3'	Total/NA	Solid	8021B	38094

QC Association Summary

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

GC VOA (Continued)

Analysis Batch: 38324 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-37	WS25-56 3-5'	Total/NA	Solid	8021B	38094
885-37122-38	WS25-57 3-5'	Total/NA	Solid	8021B	38094
MB 885-38094/1-A	Method Blank	Total/NA	Solid	8021B	38094
LCS 885-38094/3-A	Lab Control Sample	Total/NA	Solid	8021B	38094
885-37122-22 MS	WS25-46 2-3'	Total/NA	Solid	8021B	38094
885-37122-22 MSD	WS25-46 2-3'	Total/NA	Solid	8021B	38094

GC Semi VOA

Prep Batch: 38138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-1	BS25-163 3'	Total/NA	Solid	SHAKE	
885-37122-2	BS25-185 3'	Total/NA	Solid	SHAKE	
885-37122-3	BS25-187 3'	Total/NA	Solid	SHAKE	
885-37122-4	BS25-194 3'	Total/NA	Solid	SHAKE	
885-37122-5	BS25-198 3'	Total/NA	Solid	SHAKE	
885-37122-6	BS25-201 3'	Total/NA	Solid	SHAKE	
885-37122-7	BS25-203 5'	Total/NA	Solid	SHAKE	
885-37122-8	BS25-204 3'	Total/NA	Solid	SHAKE	
885-37122-9	BS25-242 4'	Total/NA	Solid	SHAKE	
885-37122-10	BS25-243 4'	Total/NA	Solid	SHAKE	
885-37122-11	BS25-244 4'	Total/NA	Solid	SHAKE	
885-37122-12	BS25-245 4'	Total/NA	Solid	SHAKE	
885-37122-13	BS25-246 5'	Total/NA	Solid	SHAKE	
885-37122-14	BS25-247 3'	Total/NA	Solid	SHAKE	
885-37122-15	BS25-248 3'	Total/NA	Solid	SHAKE	
885-37122-16	BS25-249 2'	Total/NA	Solid	SHAKE	
885-37122-17	BS25-252 3'	Total/NA	Solid	SHAKE	
885-37122-18	BS25-253 4'	Total/NA	Solid	SHAKE	
885-37122-19	BS25-132 3'	Total/NA	Solid	SHAKE	
885-37122-20	WS25-44 2-3'	Total/NA	Solid	SHAKE	
MB 885-38138/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38138/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-37122-20 MS	WS25-44 2-3'	Total/NA	Solid	SHAKE	
885-37122-20 MSD	WS25-44 2-3'	Total/NA	Solid	SHAKE	

Analysis Batch: 38140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-1	BS25-163 3'	Total/NA	Solid	8015M/D	38138
885-37122-2	BS25-185 3'	Total/NA	Solid	8015M/D	38138
885-37122-3	BS25-187 3'	Total/NA	Solid	8015M/D	38138
885-37122-4	BS25-194 3'	Total/NA	Solid	8015M/D	38138
885-37122-5	BS25-198 3'	Total/NA	Solid	8015M/D	38138
885-37122-6	BS25-201 3'	Total/NA	Solid	8015M/D	38138
885-37122-7	BS25-203 5'	Total/NA	Solid	8015M/D	38138
885-37122-8	BS25-204 3'	Total/NA	Solid	8015M/D	38138
885-37122-9	BS25-242 4'	Total/NA	Solid	8015M/D	38138
885-37122-10	BS25-243 4'	Total/NA	Solid	8015M/D	38138
885-37122-11	BS25-244 4'	Total/NA	Solid	8015M/D	38138
885-37122-12	BS25-245 4'	Total/NA	Solid	8015M/D	38138
885-37122-13	BS25-246 5'	Total/NA	Solid	8015M/D	38138

QC Association Summary

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

GC Semi VOA (Continued)

Analysis Batch: 38140 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-14	BS25-247 3'	Total/NA	Solid	8015M/D	38138
885-37122-15	BS25-248 3'	Total/NA	Solid	8015M/D	38138
885-37122-16	BS25-249 2'	Total/NA	Solid	8015M/D	38138
885-37122-17	BS25-252 3'	Total/NA	Solid	8015M/D	38138
885-37122-18	BS25-253 4'	Total/NA	Solid	8015M/D	38138
885-37122-19	BS25-132 3'	Total/NA	Solid	8015M/D	38138
885-37122-20	WS25-44 2-3'	Total/NA	Solid	8015M/D	38138
885-37122-21	WS25-45 2-3'	Total/NA	Solid	8015M/D	38143
885-37122-22	WS25-46 2-3'	Total/NA	Solid	8015M/D	38143
885-37122-23	WS25-47 2-3'	Total/NA	Solid	8015M/D	38143
885-37122-24	BS25-250 2'	Total/NA	Solid	8015M/D	38143
885-37122-25	BS25-251 2'	Total/NA	Solid	8015M/D	38143
885-37122-26	BS25-254 2'	Total/NA	Solid	8015M/D	38143
885-37122-27	BS25-255 2'	Total/NA	Solid	8015M/D	38143
885-37122-28	WS25-30 2-5'	Total/NA	Solid	8015M/D	38143
885-37122-29	WS25-48 2-3'	Total/NA	Solid	8015M/D	38143
885-37122-30	WS25-49 2-4'	Total/NA	Solid	8015M/D	38143
885-37122-31	WS25-50 3-4'	Total/NA	Solid	8015M/D	38143
885-37122-32	WS25-51 4-5'	Total/NA	Solid	8015M/D	38143
885-37122-33	WS25-52 3-4'	Total/NA	Solid	8015M/D	38143
885-37122-34	WS25-53 2-3'	Total/NA	Solid	8015M/D	38143
885-37122-35	WS25-54 5-5.5'	Total/NA	Solid	8015M/D	38143
885-37122-36	WS25-55 2-3'	Total/NA	Solid	8015M/D	38143
885-37122-37	WS25-56 3-5'	Total/NA	Solid	8015M/D	38143
885-37122-38	WS25-57 3-5'	Total/NA	Solid	8015M/D	38143
MB 885-38138/1-A	Method Blank	Total/NA	Solid	8015M/D	38138
MB 885-38143/1-A	Method Blank	Total/NA	Solid	8015M/D	38143
LCS 885-38138/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38138
LCS 885-38143/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38143
885-37122-20 MS	WS25-44 2-3'	Total/NA	Solid	8015M/D	38138
885-37122-20 MSD	WS25-44 2-3'	Total/NA	Solid	8015M/D	38138

Prep Batch: 38143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-21	WS25-45 2-3'	Total/NA	Solid	SHAKE	
885-37122-22	WS25-46 2-3'	Total/NA	Solid	SHAKE	
885-37122-23	WS25-47 2-3'	Total/NA	Solid	SHAKE	
885-37122-24	BS25-250 2'	Total/NA	Solid	SHAKE	
885-37122-25	BS25-251 2'	Total/NA	Solid	SHAKE	
885-37122-26	BS25-254 2'	Total/NA	Solid	SHAKE	
885-37122-27	BS25-255 2'	Total/NA	Solid	SHAKE	
885-37122-28	WS25-30 2-5'	Total/NA	Solid	SHAKE	
885-37122-29	WS25-48 2-3'	Total/NA	Solid	SHAKE	
885-37122-30	WS25-49 2-4'	Total/NA	Solid	SHAKE	
885-37122-31	WS25-50 3-4'	Total/NA	Solid	SHAKE	
885-37122-32	WS25-51 4-5'	Total/NA	Solid	SHAKE	
885-37122-33	WS25-52 3-4'	Total/NA	Solid	SHAKE	
885-37122-34	WS25-53 2-3'	Total/NA	Solid	SHAKE	
885-37122-35	WS25-54 5-5.5'	Total/NA	Solid	SHAKE	
885-37122-36	WS25-55 2-3'	Total/NA	Solid	SHAKE	
885-37122-37	WS25-56 3-5'	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

GC Semi VOA (Continued)

Prep Batch: 38143 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-38	WS25-57 3-5'	Total/NA	Solid	SHAKE	
MB 885-38143/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38143/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 38120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-1	BS25-163 3'	Total/NA	Solid	300_Prep	
885-37122-2	BS25-185 3'	Total/NA	Solid	300_Prep	
885-37122-3	BS25-187 3'	Total/NA	Solid	300_Prep	
885-37122-4	BS25-194 3'	Total/NA	Solid	300_Prep	
885-37122-5	BS25-198 3'	Total/NA	Solid	300_Prep	
885-37122-6	BS25-201 3'	Total/NA	Solid	300_Prep	
885-37122-7	BS25-203 5'	Total/NA	Solid	300_Prep	
885-37122-8	BS25-204 3'	Total/NA	Solid	300_Prep	
885-37122-9	BS25-242 4'	Total/NA	Solid	300_Prep	
885-37122-10	BS25-243 4'	Total/NA	Solid	300_Prep	
885-37122-11	BS25-244 4'	Total/NA	Solid	300_Prep	
885-37122-12	BS25-245 4'	Total/NA	Solid	300_Prep	
885-37122-13	BS25-246 5'	Total/NA	Solid	300_Prep	
885-37122-14	BS25-247 3'	Total/NA	Solid	300_Prep	
885-37122-15	BS25-248 3'	Total/NA	Solid	300_Prep	
885-37122-16	BS25-249 2'	Total/NA	Solid	300_Prep	
885-37122-17	BS25-252 3'	Total/NA	Solid	300_Prep	
885-37122-18	BS25-253 4'	Total/NA	Solid	300_Prep	
885-37122-19	BS25-132 3'	Total/NA	Solid	300_Prep	
885-37122-20	WS25-44 2-3'	Total/NA	Solid	300_Prep	
MB 885-38120/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38120/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-37122-1 MS	BS25-163 3'	Total/NA	Solid	300_Prep	
885-37122-2 MS	BS25-185 3'	Total/NA	Solid	300_Prep	

Prep Batch: 38121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-21	WS25-45 2-3'	Total/NA	Solid	300_Prep	
885-37122-22	WS25-46 2-3'	Total/NA	Solid	300_Prep	
885-37122-23	WS25-47 2-3'	Total/NA	Solid	300_Prep	
885-37122-24	BS25-250 2'	Total/NA	Solid	300_Prep	
885-37122-25	BS25-251 2'	Total/NA	Solid	300_Prep	
885-37122-26	BS25-254 2'	Total/NA	Solid	300_Prep	
885-37122-27	BS25-255 2'	Total/NA	Solid	300_Prep	
885-37122-28	WS25-30 2-5'	Total/NA	Solid	300_Prep	
885-37122-29	WS25-48 2-3'	Total/NA	Solid	300_Prep	
885-37122-30	WS25-49 2-4'	Total/NA	Solid	300_Prep	
885-37122-31	WS25-50 3-4'	Total/NA	Solid	300_Prep	
885-37122-32	WS25-51 4-5'	Total/NA	Solid	300_Prep	
885-37122-33	WS25-52 3-4'	Total/NA	Solid	300_Prep	
885-37122-34	WS25-53 2-3'	Total/NA	Solid	300_Prep	
885-37122-35	WS25-54 5-5.5'	Total/NA	Solid	300_Prep	
885-37122-36	WS25-55 2-3'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

HPLC/IC (Continued)

Prep Batch: 38121 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-37	WS25-56 3-5'	Total/NA	Solid	300_Prep	
885-37122-38	WS25-57 3-5'	Total/NA	Solid	300_Prep	
MB 885-38121/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38121/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-37122-21 MS	WS25-45 2-3'	Total/NA	Solid	300_Prep	
885-37122-21 MSD	WS25-45 2-3'	Total/NA	Solid	300_Prep	

Analysis Batch: 38122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-1	BS25-163 3'	Total/NA	Solid	300.0	38120
885-37122-2	BS25-185 3'	Total/NA	Solid	300.0	38120
885-37122-3	BS25-187 3'	Total/NA	Solid	300.0	38120
885-37122-4	BS25-194 3'	Total/NA	Solid	300.0	38120
885-37122-5	BS25-198 3'	Total/NA	Solid	300.0	38120
885-37122-6	BS25-201 3'	Total/NA	Solid	300.0	38120
885-37122-7	BS25-203 5'	Total/NA	Solid	300.0	38120
885-37122-8	BS25-204 3'	Total/NA	Solid	300.0	38120
885-37122-9	BS25-242 4'	Total/NA	Solid	300.0	38120
885-37122-10	BS25-243 4'	Total/NA	Solid	300.0	38120
885-37122-11	BS25-244 4'	Total/NA	Solid	300.0	38120
885-37122-12	BS25-245 4'	Total/NA	Solid	300.0	38120
885-37122-13	BS25-246 5'	Total/NA	Solid	300.0	38120
885-37122-14	BS25-247 3'	Total/NA	Solid	300.0	38120
885-37122-15	BS25-248 3'	Total/NA	Solid	300.0	38120
885-37122-16	BS25-249 2'	Total/NA	Solid	300.0	38120
885-37122-17	BS25-252 3'	Total/NA	Solid	300.0	38120
885-37122-18	BS25-253 4'	Total/NA	Solid	300.0	38120
885-37122-19	BS25-132 3'	Total/NA	Solid	300.0	38120
885-37122-20	WS25-44 2-3'	Total/NA	Solid	300.0	38120
885-37122-21	WS25-45 2-3'	Total/NA	Solid	300.0	38121
885-37122-22	WS25-46 2-3'	Total/NA	Solid	300.0	38121
885-37122-23	WS25-47 2-3'	Total/NA	Solid	300.0	38121
885-37122-24	BS25-250 2'	Total/NA	Solid	300.0	38121
885-37122-25	BS25-251 2'	Total/NA	Solid	300.0	38121
885-37122-26	BS25-254 2'	Total/NA	Solid	300.0	38121
885-37122-27	BS25-255 2'	Total/NA	Solid	300.0	38121
885-37122-28	WS25-30 2-5'	Total/NA	Solid	300.0	38121
885-37122-29	WS25-48 2-3'	Total/NA	Solid	300.0	38121
885-37122-30	WS25-49 2-4'	Total/NA	Solid	300.0	38121
885-37122-31	WS25-50 3-4'	Total/NA	Solid	300.0	38121
885-37122-32	WS25-51 4-5'	Total/NA	Solid	300.0	38121
885-37122-33	WS25-52 3-4'	Total/NA	Solid	300.0	38121
885-37122-34	WS25-53 2-3'	Total/NA	Solid	300.0	38121
885-37122-35	WS25-54 5-5.5'	Total/NA	Solid	300.0	38121
885-37122-36	WS25-55 2-3'	Total/NA	Solid	300.0	38121
885-37122-37	WS25-56 3-5'	Total/NA	Solid	300.0	38121
885-37122-38	WS25-57 3-5'	Total/NA	Solid	300.0	38121
MB 885-38120/1-A	Method Blank	Total/NA	Solid	300.0	38120
MB 885-38121/1-A	Method Blank	Total/NA	Solid	300.0	38121
LCS 885-38120/2-A	Lab Control Sample	Total/NA	Solid	300.0	38120
LCS 885-38121/2-A	Lab Control Sample	Total/NA	Solid	300.0	38121

QC Association Summary

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

HPLC/IC (Continued)

Analysis Batch: 38122 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37122-1 MS	BS25-163 3'	Total/NA	Solid	300.0	38120
885-37122-2 MS	BS25-185 3'	Total/NA	Solid	300.0	38120
885-37122-21 MS	WS25-45 2-3'	Total/NA	Solid	300.0	38121
885-37122-21 MSD	WS25-45 2-3'	Total/NA	Solid	300.0	38121

Lab Chronicle

Client: Vertex
Job ID: 885-37122-1
Project/Site: Stark 5 Fed Com 701 H

Client Sample ID: BS25-163 3'
Lab Sample ID: 885-37122-1
Date Collected: 11/04/25 12:10
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/11/25 22:09
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/11/25 22:09
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 17:21
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 11:27

Client Sample ID: BS25-185 3'
Lab Sample ID: 885-37122-2
Date Collected: 11/04/25 12:20
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/11/25 23:14
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/11/25 23:14
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 17:33
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 12:00

Client Sample ID: BS25-187 3'
Lab Sample ID: 885-37122-3
Date Collected: 11/04/25 12:30
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 00:20
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 00:20
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 17:44
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 12:54

Client Sample ID: BS25-194 3'
Lab Sample ID: 885-37122-4
Date Collected: 11/04/25 12:40
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 00:41

Lab Chronicle

Client: Vertex
Job ID: 885-37122-1
Project/Site: Stark 5 Fed Com 701 H

Client Sample ID: BS25-194 3'
Lab Sample ID: 885-37122-4
Date Collected: 11/04/25 12:40
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 00:41
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 17:56
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 13:05

Client Sample ID: BS25-198 3'
Lab Sample ID: 885-37122-5
Date Collected: 11/04/25 12:50
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 01:03
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 01:03
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 18:08
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 13:16

Client Sample ID: BS25-201 3'
Lab Sample ID: 885-37122-6
Date Collected: 11/04/25 13:00
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 01:25
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 01:25
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 18:19
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 13:26

Client Sample ID: BS25-203 5'
Lab Sample ID: 885-37122-7
Date Collected: 11/04/25 13:10
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 01:47
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 01:47

Lab Chronicle

Client: Vertex
Job ID: 885-37122-1
Project/Site: Stark 5 Fed Com 701 H

Client Sample ID: BS25-203 5'
Lab Sample ID: 885-37122-7
Date Collected: 11/04/25 13:10
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 18:31
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 13:37

Client Sample ID: BS25-204 3'
Lab Sample ID: 885-37122-8
Date Collected: 11/04/25 13:20
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 02:08
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 02:08
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 18:43
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 13:48

Client Sample ID: BS25-242 4'
Lab Sample ID: 885-37122-9
Date Collected: 11/04/25 13:30
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 02:30
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 02:30
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 18:55
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 13:59

Client Sample ID: BS25-243 4'
Lab Sample ID: 885-37122-10
Date Collected: 11/04/25 13:40
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 02:52
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 02:52
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 19:06

Lab Chronicle

Client: Vertex
Job ID: 885-37122-1
Project/Site: Stark 5 Fed Com 701 H

Client Sample ID: BS25-243 4'
Lab Sample ID: 885-37122-10
Date Collected: 11/04/25 13:40
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 14:10

Client Sample ID: BS25-244 4'
Lab Sample ID: 885-37122-11
Date Collected: 11/04/25 13:50
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 03:57
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 03:57
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 19:30
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 14:21

Client Sample ID: BS25-245 4'
Lab Sample ID: 885-37122-12
Date Collected: 11/04/25 14:00
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 04:18
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 04:18
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 19:41
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 14:32

Client Sample ID: BS25-246 5'
Lab Sample ID: 885-37122-13
Date Collected: 11/04/25 14:05
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 04:40
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 04:40
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 19:53
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 15:04

Lab Chronicle

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-247 3'
Date Collected: 11/04/25 14:10
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 05:02
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 05:02
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 20:05
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 15:15

Client Sample ID: BS25-248 3'
Date Collected: 11/04/25 14:15
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 05:23
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 05:23
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 20:16
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 15:26

Client Sample ID: BS25-249 2'
Date Collected: 11/04/25 14:20
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 05:45
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 05:45
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 20:28
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 15:37

Client Sample ID: BS25-252 3'
Date Collected: 11/04/25 14:30
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37122-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 06:07

Lab Chronicle

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-252 3'
Lab Sample ID: 885-37122-17
Date Collected: 11/04/25 14:30
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 06:07
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 20:40
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 15:47

Client Sample ID: BS25-253 4'
Lab Sample ID: 885-37122-18
Date Collected: 11/04/25 14:40
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 06:28
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 06:28
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 20:51
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 15:58

Client Sample ID: BS25-132 3'
Lab Sample ID: 885-37122-19
Date Collected: 11/04/25 14:50
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 06:50
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 06:50
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 21:03
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 16:09

Client Sample ID: WS25-44 2-3'
Lab Sample ID: 885-37122-20
Date Collected: 11/04/25 15:00
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8015M/D		1	38316	AT	EET ALB	11/12/25 07:12
Total/NA	Prep	5030C			38091	VP	EET ALB	11/07/25 15:15
Total/NA	Analysis	8021B		1	38315	AT	EET ALB	11/12/25 07:12

Lab Chronicle

Client: Vertex
Job ID: 885-37122-1
Project/Site: Stark 5 Fed Com 701 H

Client Sample ID: WS25-44 2-3'
Lab Sample ID: 885-37122-20
Date Collected: 11/04/25 15:00
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			38138	MB	EET ALB	11/10/25 09:22
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 21:14
Total/NA	Prep	300_Prep			38120	JT	EET ALB	11/08/25 12:13
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 16:20

Client Sample ID: WS25-45 2-3'
Lab Sample ID: 885-37122-21
Date Collected: 11/04/25 15:10
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 12:51
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 12:51
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 22:24
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 16:31

Client Sample ID: WS25-46 2-3'
Lab Sample ID: 885-37122-22
Date Collected: 11/04/25 15:20
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 13:56
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 13:56
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 22:35
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 17:25

Client Sample ID: WS25-47 2-3'
Lab Sample ID: 885-37122-23
Date Collected: 11/04/25 15:30
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 15:01
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 15:01
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 22:47

Lab Chronicle

Client: Vertex
Job ID: 885-37122-1
Project/Site: Stark 5 Fed Com 701 H

Client Sample ID: WS25-47 2-3'
Lab Sample ID: 885-37122-23
Date Collected: 11/04/25 15:30
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 17:58

Client Sample ID: BS25-250 2'
Lab Sample ID: 885-37122-24
Date Collected: 11/04/25 14:24
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 15:22
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 15:22
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 22:58
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 18:08

Client Sample ID: BS25-251 2'
Lab Sample ID: 885-37122-25
Date Collected: 11/04/25 14:28
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 15:44
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 15:44
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 23:10
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 18:19

Client Sample ID: BS25-254 2'
Lab Sample ID: 885-37122-26
Date Collected: 11/04/25 14:43
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 16:06
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 16:06
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 23:21
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 18:30

Lab Chronicle

Client: Vertex
Project/Site: Stark 5 Fed Com 701 H

Job ID: 885-37122-1

Client Sample ID: BS25-255 2'
Lab Sample ID: 885-37122-27
Date Collected: 11/04/25 14:45
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 16:27
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 16:27
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 23:33
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 18:41

Client Sample ID: WS25-30 2-5'
Lab Sample ID: 885-37122-28
Date Collected: 11/04/25 15:32
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 16:49
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 16:49
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/10/25 23:44
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 19:14

Client Sample ID: WS25-48 2-3'
Lab Sample ID: 885-37122-29
Date Collected: 11/04/25 15:38
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 17:11
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 17:11
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/11/25 00:08
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 19:24

Client Sample ID: WS25-49 2-4'
Lab Sample ID: 885-37122-30
Date Collected: 11/04/25 15:40
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 17:32

Lab Chronicle

Client: Vertex
Job ID: 885-37122-1
Project/Site: Stark 5 Fed Com 701 H

Client Sample ID: WS25-49 2-4'
Lab Sample ID: 885-37122-30
Date Collected: 11/04/25 15:40
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 17:32
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/11/25 00:19
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 19:35

Client Sample ID: WS25-50 3-4'
Lab Sample ID: 885-37122-31
Date Collected: 11/04/25 15:45
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 18:16
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 18:16
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/11/25 00:30
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 19:46

Client Sample ID: WS25-51 4-5'
Lab Sample ID: 885-37122-32
Date Collected: 11/04/25 15:50
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 18:37
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 18:37
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/11/25 00:42
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 19:57

Client Sample ID: WS25-52 3-4'
Lab Sample ID: 885-37122-33
Date Collected: 11/04/25 15:55
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 18:59
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 18:59

Lab Chronicle

Client: Vertex
Job ID: 885-37122-1
Project/Site: Stark 5 Fed Com 701 H

Client Sample ID: WS25-52 3-4'
Lab Sample ID: 885-37122-33
Date Collected: 11/04/25 15:55
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/11/25 00:54
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 20:08

Client Sample ID: WS25-53 2-3'
Lab Sample ID: 885-37122-34
Date Collected: 11/04/25 16:00
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 19:21
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 19:21
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/11/25 01:05
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 20:19

Client Sample ID: WS25-54 5-5.5'
Lab Sample ID: 885-37122-35
Date Collected: 11/04/25 16:05
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 19:42
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 19:42
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/11/25 01:16
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 20:30

Client Sample ID: WS25-55 2-3'
Lab Sample ID: 885-37122-36
Date Collected: 11/04/25 16:10
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 20:04
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 20:04
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/11/25 01:28

Lab Chronicle

Client: Vertex
Job ID: 885-37122-1
Project/Site: Stark 5 Fed Com 701 H

Client Sample ID: WS25-55 2-3'
Lab Sample ID: 885-37122-36
Date Collected: 11/04/25 16:10
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 20:40

Client Sample ID: WS25-56 3-5'
Lab Sample ID: 885-37122-37
Date Collected: 11/04/25 16:15
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 20:26
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 20:26
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/11/25 01:39
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 20:51

Client Sample ID: WS25-57 3-5'
Lab Sample ID: 885-37122-38
Date Collected: 11/04/25 16:20
Matrix: Solid
Date Received: 11/07/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8015M/D		1	38323	AT	EET ALB	11/12/25 20:48
Total/NA	Prep	5030C			38094	VP	EET ALB	11/07/25 16:31
Total/NA	Analysis	8021B		1	38324	AT	EET ALB	11/12/25 20:48
Total/NA	Prep	SHAKE			38143	MB	EET ALB	11/10/25 09:57
Total/NA	Analysis	8015M/D		1	38140	EM	EET ALB	11/11/25 01:51
Total/NA	Prep	300_Prep			38121	JT	EET ALB	11/08/25 12:34
Total/NA	Analysis	300.0		10	38122	JT	EET ALB	11/09/25 21:24

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

Accreditation/Certification Summary

Client: Vertex
Job ID: 885-37122-1
Project/Site: Stark 5 Fed Com 701 H

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-26

Released to Imaging: 2/11/2026 1:58:40 PM
Received by OCD: 1/13/2026 6:24:50 PM

Chain-of-Custody Record

Client: Vertex
Direct bill EOG

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 4 Day

Project Name: Stark 5 Fed Com 701H

Project #: 25A-01241

Project Manager: Chance Dixon

Sampler: AH

On Ice: ☒ Yes ☐ No

# of Coolers: 1 Ice

Cooler Temp(including CF): 1.3+0.2=1.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORA

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

885-37122 COC

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)
11-4-25	12:10	Soil	BS25-163	3'	1. 4oz	ICE											
	12:20		BS25-185	3'													
	12:30		BS25-187	3'													
	12:40		BS25-194	3'													
	12:50		BS25-198	3'													
	13:00		BS25-201	3'													
	13:10		BS25-203	5'													
	13:20		BS25-204	3'													
	13:30		BS25-242	4'													
	13:40		BS25-243	4'													
	13:50		BS25-244	4'													
	14:00		BS25-245	4'													

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
11-6-25	0800	Austin Harris			11/6/25	800
11/6/25	1900			courier	11-7-25	800

Remarks:
CC: cdixon@vertexresource.com
permian@vertexresource.com
aharris@vertexresource.com
jrewis@vertexresource.com

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.

Released to Imaging: 2/11/2026 1:58:40 PM
Received by OCD: 1/13/2026 6:24:50 PM

Chain-of-Custody Record

Client: Vertex

Direct bill EOL

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush A Day

Project Name: Stark 5 Fed Com 701H

Project #: 25A-01241

Project Manager: Chance Dixon

Sampler: AH

On Ice: ☒ Yes ☐ No

# of Coolers: 1 Joe

Cooler Temp(including CF): 1.3+0.2=1.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
11-25	14:05	Soil	BS25-246 5'	1.4oz	ICE	
	14:10		BS25-247 3'			
	14:15		BS25-248 3'			
	14:20		BS25-249 2'			
	14:30		BS25-252 3'			
	14:40		BS25-253 4'			
	14:50		BS25-132 3'			
	15:00		WS25-44 2-3'			
	15:10		WS25-45 2-3'			
	15:20		WS25-46 2-3'			
	15:30		WS25-47 2-3'			

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH: 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
✓	✓					✓			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11-25	0800	Austin Harris AH	[illegible]		11/6/25	800
11/6/25	1900	[illegible]	[illegible]	courier	11-7-25	800

Remarks: cc: cdixon@vertexresource.com
Permian@vertexresource.com
aharris@vertexresource.com
✓ rewis@vertexresource.com

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Released to Imaging: 2/11/2026 1:58:40 PM
Received by OCD: 1/13/2026 6:24:50 PM

Chain-of-Custody Record

Client: Vertex

Direct bill EOG

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☐ Rush

Project Name: Stark 5 Fed Com 701H

Project #: 25A-01241

Project Manager: Chance Dixon

Sampler: AH

On Ice: ☐ Yes ☐ No

# of Coolers:

Cooler Temp(Including CF): (°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)
4-25	14:24	So.1	BS25-250 2'	1.4oz	ICE											
	14:28		BS25-251 2'													
	14:43		BS25-254 2'													
	14:45		BS25-255 2'													
	15:32		WS25-30 2-5'													
	15:38		WS25-48 2-3'													
	15:40		WS25-49 2-4'													
	15:45		WS25-50 3-4'													
	15:50		WS25-51 4-5'													
	15:55		WS25-52 3-4'													
	16:00		WS25-53 2-3'													
	16:05		WS25-54 5-5.5'													

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5-25	0800					
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: CC: cdixon@vertexresource.com
permian@vertexresource.com
aharris@vertexresource.com
jrems@vertexresource.com

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.

Released to Imaging: 2/11/2026 1:58:40 PM
Received by OCD: 1/13/2026 6:24:50 PM

Chain-of-Custody Record

Client: Vertex

Direct bill EOG

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Stark 5 Fed Com 701H

Project #: 25A-01241

Project Manager: Chance Dixon

Sampler: AH

On Ice: ☐ Yes ☐ No

# of Coolers:

Cooler Temp(including CF): (°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)
4-25	16:10	Soil	WS25-55 2-3'	1.4oz	ICE		✓	✓					✓			
↓	16:15	↓	WS25-56 3-5'	↓	↓											
↓	16:20	↓	WS25-57 3-5'	↓	↓											

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5-25	0800	AH				
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:
cc: cdixon@vertexresource.com
permian@vertexresource.com
aharris@vertexresource.com
jrewis@vertexresource.com

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: 885-37122-1

Login Number: 37122 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 12/12/2025 8:43:01 AM

JOB DESCRIPTION

Stark 5 Fed Com 70H

JOB NUMBER

885-38968-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/11/2026 1:38:40 PM

Eurofins Albuquerque

Job Notes

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

Authorization



Generated
12/12/2025 8:43:01 AM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Laboratory Job ID: 885-38968-1

Table of Contents

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Definitions/Glossary

Client: Vertex Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Qualifiers

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 Job ID: 885-38968-1
Project: Stark 5 Fed Com 70H

Job ID: 885-38968-1 Eurofins Albuquerque

Job Narrative
885-38968-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/6/2025 7:40 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 3.5°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.

Client Sample Results

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: B25-256 2'
Lab Sample ID: 885-38968-1
Date Collected: 12/03/25 09:30
Matrix: Solid
Date Received: 12/06/25 07:40

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		4.9		mg/Kg		12/08/25 14:48	12/09/25 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*15 - 150*	*12/08/25 14:48*	*12/09/25 15:00*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		12/08/25 14:48	12/09/25 15:00	1
Ethylbenzene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 15:00	1
Toluene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 15:00	1
Xylenes, Total	ND		0.099		mg/Kg		12/08/25 14:48	12/09/25 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 150*	*12/08/25 14:48*	*12/09/25 15:00*	*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		12/08/25 15:48	12/09/25 14:50	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		12/08/25 15:48	12/09/25 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*12/08/25 15:48*	*12/09/25 14:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**380**		50		mg/Kg		12/09/25 12:39	12/09/25 20:53	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38968-1

Client Sample ID: B25-257 2'

Date Collected: 12/03/25 09:40
Date Received: 12/06/25 07:40

Lab Sample ID: 885-38968-2

Matrix: Solid

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		4.9		mg/Kg		12/08/25 14:48	12/09/25 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*15 - 150*	*12/08/25 14:48*	*12/09/25 16:11*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		12/08/25 14:48	12/09/25 16:11	1
Ethylbenzene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 16:11	1
Toluene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 16:11	1
Xylenes, Total	ND		0.098		mg/Kg		12/08/25 14:48	12/09/25 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*12/08/25 14:48*	*12/09/25 16:11*	*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		9.7		mg/Kg		12/08/25 15:48	12/09/25 15:02	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		12/08/25 15:48	12/09/25 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*12/08/25 15:48*	*12/09/25 15:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		50		mg/Kg		12/09/25 12:39	12/09/25 21:06	10

Client Sample Results

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: B25-258 2'
Lab Sample ID: 885-38968-3
Date Collected: 12/03/25 09:50
Matrix: Solid
Date Received: 12/06/25 07:40

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		4.9		mg/Kg		12/08/25 14:48	12/09/25 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*15 - 150*	*12/08/25 14:48*	*12/09/25 17:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		12/08/25 14:48	12/09/25 17:23	1
Ethylbenzene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 17:23	1
Toluene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 17:23	1
Xylenes, Total	ND		0.098		mg/Kg		12/08/25 14:48	12/09/25 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*12/08/25 14:48*	*12/09/25 17:23*	*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]	**94**		9.5		mg/Kg		12/08/25 15:48	12/09/25 15:13	1
Motor Oil Range Organics [C28-C40]	**390**		47		mg/Kg		12/08/25 15:48	12/09/25 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*12/08/25 15:48*	*12/09/25 15:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**280**		50		mg/Kg		12/09/25 12:39	12/09/25 21:20	10

Client Sample Results

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: B25-262 2'
Lab Sample ID: 885-38968-4
Date Collected: 12/03/25 10:00
Matrix: Solid
Date Received: 12/06/25 07:40

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		5.0		mg/Kg		12/08/25 14:48	12/09/25 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*15 - 150*	*12/08/25 14:48*	*12/09/25 17:46*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		12/08/25 14:48	12/09/25 17:46	1
Ethylbenzene	ND		0.050		mg/Kg		12/08/25 14:48	12/09/25 17:46	1
Toluene	ND		0.050		mg/Kg		12/08/25 14:48	12/09/25 17:46	1
Xylenes, Total	ND		0.10		mg/Kg		12/08/25 14:48	12/09/25 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*12/08/25 14:48*	*12/09/25 17:46*	*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		12/08/25 15:48	12/09/25 15:25	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		12/08/25 15:48	12/09/25 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*12/08/25 15:48*	*12/09/25 15:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**430**		50		mg/Kg		12/09/25 12:39	12/09/25 21:34	10

Client Sample Results

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: B25-263 2'
Lab Sample ID: 885-38968-5
Date Collected: 12/03/25 10:10
Matrix: Solid
Date Received: 12/06/25 07:40

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		4.8		mg/Kg		12/08/25 14:48	12/09/25 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*15 - 150*	*12/08/25 14:48*	*12/09/25 18:10*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		12/08/25 14:48	12/09/25 18:10	1
Ethylbenzene	ND		0.048		mg/Kg		12/08/25 14:48	12/09/25 18:10	1
Toluene	ND		0.048		mg/Kg		12/08/25 14:48	12/09/25 18:10	1
Xylenes, Total	ND		0.096		mg/Kg		12/08/25 14:48	12/09/25 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*12/08/25 14:48*	*12/09/25 18:10*	*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		12/08/25 15:48	12/09/25 15:36	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		12/08/25 15:48	12/09/25 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*12/08/25 15:48*	*12/09/25 15:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**310**		49		mg/Kg		12/09/25 12:39	12/09/25 21:47	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38968-1

Client Sample ID: B25-265 2'

Date Collected: 12/03/25 10:30
Date Received: 12/06/25 07:40

Lab Sample ID: 885-38968-6

Matrix: Solid

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		5.0		mg/Kg		12/08/25 14:48	12/09/25 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*15 - 150*	*12/08/25 14:48*	*12/09/25 18:34*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		12/08/25 14:48	12/09/25 18:34	1
Ethylbenzene	ND		0.050		mg/Kg		12/08/25 14:48	12/09/25 18:34	1
Toluene	ND		0.050		mg/Kg		12/08/25 14:48	12/09/25 18:34	1
Xylenes, Total	ND		0.10		mg/Kg		12/08/25 14:48	12/09/25 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 150*	*12/08/25 14:48*	*12/09/25 18:34*	*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**		9.3		mg/Kg		12/08/25 15:48	12/09/25 15:48	1
Motor Oil Range Organics [C28-C40]	**68**		47		mg/Kg		12/08/25 15:48	12/09/25 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*12/08/25 15:48*	*12/09/25 15:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		51		mg/Kg		12/09/25 12:39	12/09/25 22:01	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38968-1

Client Sample ID: B25-266 2'

Date Collected: 12/03/25 10:45
Date Received: 12/06/25 07:40

Lab Sample ID: 885-38968-7

Matrix: Solid

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		4.9		mg/Kg		12/08/25 14:48	12/09/25 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*15 - 150*	*12/08/25 14:48*	*12/09/25 18:57*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		12/08/25 14:48	12/09/25 18:57	1
Ethylbenzene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 18:57	1
Toluene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 18:57	1
Xylenes, Total	ND		0.097		mg/Kg		12/08/25 14:48	12/09/25 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*12/08/25 14:48*	*12/09/25 18:57*	*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]	**270**		10		mg/Kg		12/08/25 15:48	12/09/25 15:59	1
Motor Oil Range Organics [C28-C40]	**910**		50		mg/Kg		12/08/25 15:48	12/09/25 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*12/08/25 15:48*	*12/09/25 15:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**340**		50		mg/Kg		12/09/25 13:01	12/10/25 07:24	10

Client Sample Results

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: B25-267 2'
Lab Sample ID: 885-38968-8
Date Collected: 12/03/25 11:00
Matrix: Solid
Date Received: 12/06/25 07:40

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		4.9		mg/Kg		12/08/25 14:48	12/09/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*15 - 150*	*12/08/25 14:48*	*12/09/25 19:21*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		12/08/25 14:48	12/09/25 19:21	1
Ethylbenzene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 19:21	1
Toluene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 19:21	1
Xylenes, Total	ND		0.097		mg/Kg		12/08/25 14:48	12/09/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*12/08/25 14:48*	*12/09/25 19:21*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**10**		9.9		mg/Kg		12/08/25 15:48	12/09/25 16:11	1
Motor Oil Range Organics [C28-C40]	**70**		50		mg/Kg		12/08/25 15:48	12/09/25 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*12/08/25 15:48*	*12/09/25 16:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**280**		49		mg/Kg		12/09/25 13:01	12/10/25 07:57	10

Client Sample Results

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: B25-102 3'
Lab Sample ID: 885-38968-9
Date Collected: 12/03/25 11:15
Matrix: Solid
Date Received: 12/06/25 07:40

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		4.9		mg/Kg		12/08/25 14:48	12/09/25 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*15 - 150*	*12/08/25 14:48*	*12/09/25 19:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		12/08/25 14:48	12/09/25 19:45	1
Ethylbenzene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 19:45	1
Toluene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 19:45	1
Xylenes, Total	ND		0.097		mg/Kg		12/08/25 14:48	12/09/25 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*12/08/25 14:48*	*12/09/25 19:45*	*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		9.1		mg/Kg		12/08/25 15:48	12/09/25 16:34	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		12/08/25 15:48	12/09/25 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*83*		*62 - 134*	*12/08/25 15:48*	*12/09/25 16:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		50		mg/Kg		12/09/25 13:01	12/10/25 08:34	10

Client Sample Results

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: WS25-56 0-2'
Lab Sample ID: 885-38968-10
Date Collected: 12/03/25 11:30
Matrix: Solid
Date Received: 12/06/25 07:40

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		4.9		mg/Kg		12/08/25 14:48	12/09/25 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*15 - 150*	*12/08/25 14:48*	*12/09/25 20:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		12/08/25 14:48	12/09/25 20:08	1
Ethylbenzene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 20:08	1
Toluene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 20:08	1
Xylenes, Total	ND		0.097		mg/Kg		12/08/25 14:48	12/09/25 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*12/08/25 14:48*	*12/09/25 20:08*	*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		9.7		mg/Kg		12/08/25 15:48	12/09/25 16:45	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		12/08/25 15:48	12/09/25 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*	*12/08/25 15:48*	*12/09/25 16:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**180**		50		mg/Kg		12/09/25 13:01	12/10/25 08:45	10

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38968-1

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

Lab Sample ID: MB 885-39551/1-A
Matrix: Solid
Analysis Batch: 39584

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39551

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		12/08/25 14:48	12/09/25 14:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*15 - 150*	*12/08/25 14:48*	*12/09/25 14:36*	*1*

Lab Sample ID: LCS 885-39551/2-A
Matrix: Solid
Analysis Batch: 39584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39551

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	28.1		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*235*		*15 - 150*

Lab Sample ID: 885-38968-1 MS
Matrix: Solid
Analysis Batch: 39584

Client Sample ID: B25-256 2'
Prep Type: Total/NA
Prep Batch: 39551

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		24.5	29.9		mg/Kg		122	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*240*		*15 - 150*

Lab Sample ID: 885-38968-1 MSD
Matrix: Solid
Analysis Batch: 39584

Client Sample ID: B25-256 2'
Prep Type: Total/NA
Prep Batch: 39551

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		24.5	31.9		mg/Kg		130	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*251*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-39551/1-A
Matrix: Solid
Analysis Batch: 39585

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39551

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		12/08/25 14:48	12/09/25 14:36	1
Ethylbenzene	ND		0.050		mg/Kg		12/08/25 14:48	12/09/25 14:36	1
Toluene	ND		0.050		mg/Kg		12/08/25 14:48	12/09/25 14:36	1

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38968-1

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

Lab Sample ID: MB 885-39551/1-A
Matrix: Solid
Analysis Batch: 39585

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39551

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10		mg/Kg		12/08/25 14:48	12/09/25 14:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*12/08/25 14:48*	*12/09/25 14:36*	*1*

Lab Sample ID: LCS 885-39551/3-A
Matrix: Solid
Analysis Batch: 39585

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39551

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.928		mg/Kg		93	70 - 130		
Ethylbenzene			1.00	0.914		mg/Kg		91	70 - 130		
Toluene			1.00	0.935		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*15 - 150*

Lab Sample ID: 885-38968-2 MS
Matrix: Solid
Analysis Batch: 39585

Client Sample ID: B25-257 2'
Prep Type: Total/NA
Prep Batch: 39551

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.979	1.00		mg/Kg		102	70 - 130		
Ethylbenzene	ND		0.979	1.03		mg/Kg		105	70 - 130		
Toluene	ND		0.979	1.03		mg/Kg		106	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*15 - 150*

Lab Sample ID: 885-38968-2 MSD
Matrix: Solid
Analysis Batch: 39585

Client Sample ID: B25-257 2'
Prep Type: Total/NA
Prep Batch: 39551

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.975	0.943		mg/Kg		97	70 - 130	6	20
Ethylbenzene	ND		0.975	0.960		mg/Kg		98	70 - 130	7	20
Toluene	ND		0.975	0.961		mg/Kg		99	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*15 - 150*

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38968-1

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

Lab Sample ID: MB 885-39555/1-A
Matrix: Solid
Analysis Batch: 39583

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39555

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		12/08/25 15:48	12/09/25 14:27	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		12/08/25 15:48	12/09/25 14:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*12/08/25 15:48*	*12/09/25 14:27*	*1*

Lab Sample ID: LCS 885-39555/2-A
Matrix: Solid
Analysis Batch: 39583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39555

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	35.8		mg/Kg		72	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*72*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-39606/1-A
Matrix: Solid
Analysis Batch: 39624

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39606

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		12/09/25 12:39	12/09/25 15:25	1

Lab Sample ID: LCS 885-39606/2-A
Matrix: Solid
Analysis Batch: 39624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39606

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.7	47.1		mg/Kg		93	90 - 110		

Lab Sample ID: MB 885-39611/1-A
Matrix: Solid
Analysis Batch: 39647

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39611

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		4.9		mg/Kg		12/09/25 13:01	12/10/25 07:02	1

Lab Sample ID: LCS 885-39611/2-A
Matrix: Solid
Analysis Batch: 39647

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39611

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			49.3	48.3		mg/Kg		98	90 - 110		

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38968-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-38968-7 MS — **Client Sample ID: B25-266 2'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 39647 — **Prep Batch: 39611**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	340		49.7	377	4	mg/Kg		73	50 - 150

Lab Sample ID: 885-38968-7 MSD — **Client Sample ID: B25-266 2'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 39647 — **Prep Batch: 39611**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	340		50.3	386	4	mg/Kg		90	50 - 150	2	20

Lab Sample ID: 885-38968-8 MS — **Client Sample ID: B25-267 2'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 39647 — **Prep Batch: 39611**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	280		49.8	340	4	mg/Kg		121	50 - 150

Lab Sample ID: 885-38968-8 MSD — **Client Sample ID: B25-267 2'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 39647 — **Prep Batch: 39611**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	280		50.8	315	4	mg/Kg		71	50 - 150	7	20

QC Association Summary

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

GC VOA

Prep Batch: 39551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38968-1	B25-256 2'	Total/NA	Solid	5030C	
885-38968-2	B25-257 2'	Total/NA	Solid	5030C	
885-38968-3	B25-258 2'	Total/NA	Solid	5030C	
885-38968-4	B25-262 2'	Total/NA	Solid	5030C	
885-38968-5	B25-263 2'	Total/NA	Solid	5030C	
885-38968-6	B25-265 2'	Total/NA	Solid	5030C	
885-38968-7	B25-266 2'	Total/NA	Solid	5030C	
885-38968-8	B25-267 2'	Total/NA	Solid	5030C	
885-38968-9	B25-102 3'	Total/NA	Solid	5030C	
885-38968-10	WS25-56 0-2'	Total/NA	Solid	5030C	
MB 885-39551/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-39551/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-39551/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-38968-1 MS	B25-256 2'	Total/NA	Solid	5030C	
885-38968-1 MSD	B25-256 2'	Total/NA	Solid	5030C	
885-38968-2 MS	B25-257 2'	Total/NA	Solid	5030C	
885-38968-2 MSD	B25-257 2'	Total/NA	Solid	5030C	

Analysis Batch: 39584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38968-1	B25-256 2'	Total/NA	Solid	8015M/D	39551
885-38968-2	B25-257 2'	Total/NA	Solid	8015M/D	39551
885-38968-3	B25-258 2'	Total/NA	Solid	8015M/D	39551
885-38968-4	B25-262 2'	Total/NA	Solid	8015M/D	39551
885-38968-5	B25-263 2'	Total/NA	Solid	8015M/D	39551
885-38968-6	B25-265 2'	Total/NA	Solid	8015M/D	39551
885-38968-7	B25-266 2'	Total/NA	Solid	8015M/D	39551
885-38968-8	B25-267 2'	Total/NA	Solid	8015M/D	39551
885-38968-9	B25-102 3'	Total/NA	Solid	8015M/D	39551
885-38968-10	WS25-56 0-2'	Total/NA	Solid	8015M/D	39551
MB 885-39551/1-A	Method Blank	Total/NA	Solid	8015M/D	39551
LCS 885-39551/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	39551
885-38968-1 MS	B25-256 2'	Total/NA	Solid	8015M/D	39551
885-38968-1 MSD	B25-256 2'	Total/NA	Solid	8015M/D	39551

Analysis Batch: 39585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38968-1	B25-256 2'	Total/NA	Solid	8021B	39551
885-38968-2	B25-257 2'	Total/NA	Solid	8021B	39551
885-38968-3	B25-258 2'	Total/NA	Solid	8021B	39551
885-38968-4	B25-262 2'	Total/NA	Solid	8021B	39551
885-38968-5	B25-263 2'	Total/NA	Solid	8021B	39551
885-38968-6	B25-265 2'	Total/NA	Solid	8021B	39551
885-38968-7	B25-266 2'	Total/NA	Solid	8021B	39551
885-38968-8	B25-267 2'	Total/NA	Solid	8021B	39551
885-38968-9	B25-102 3'	Total/NA	Solid	8021B	39551
885-38968-10	WS25-56 0-2'	Total/NA	Solid	8021B	39551
MB 885-39551/1-A	Method Blank	Total/NA	Solid	8021B	39551
LCS 885-39551/3-A	Lab Control Sample	Total/NA	Solid	8021B	39551
885-38968-2 MS	B25-257 2'	Total/NA	Solid	8021B	39551
885-38968-2 MSD	B25-257 2'	Total/NA	Solid	8021B	39551

QC Association Summary

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38968-1

GC Semi VOA

Prep Batch: 39555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38968-1	B25-256 2'	Total/NA	Solid	SHAKE	
885-38968-2	B25-257 2'	Total/NA	Solid	SHAKE	
885-38968-3	B25-258 2'	Total/NA	Solid	SHAKE	
885-38968-4	B25-262 2'	Total/NA	Solid	SHAKE	
885-38968-5	B25-263 2'	Total/NA	Solid	SHAKE	
885-38968-6	B25-265 2'	Total/NA	Solid	SHAKE	
885-38968-7	B25-266 2'	Total/NA	Solid	SHAKE	
885-38968-8	B25-267 2'	Total/NA	Solid	SHAKE	
885-38968-9	B25-102 3'	Total/NA	Solid	SHAKE	
885-38968-10	WS25-56 0-2'	Total/NA	Solid	SHAKE	
MB 885-39555/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-39555/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 39583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38968-1	B25-256 2'	Total/NA	Solid	8015M/D	39555
885-38968-2	B25-257 2'	Total/NA	Solid	8015M/D	39555
885-38968-3	B25-258 2'	Total/NA	Solid	8015M/D	39555
885-38968-4	B25-262 2'	Total/NA	Solid	8015M/D	39555
885-38968-5	B25-263 2'	Total/NA	Solid	8015M/D	39555
885-38968-6	B25-265 2'	Total/NA	Solid	8015M/D	39555
885-38968-7	B25-266 2'	Total/NA	Solid	8015M/D	39555
885-38968-8	B25-267 2'	Total/NA	Solid	8015M/D	39555
885-38968-9	B25-102 3'	Total/NA	Solid	8015M/D	39555
885-38968-10	WS25-56 0-2'	Total/NA	Solid	8015M/D	39555
MB 885-39555/1-A	Method Blank	Total/NA	Solid	8015M/D	39555
LCS 885-39555/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	39555

HPLC/IC

Prep Batch: 39606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38968-1	B25-256 2'	Total/NA	Solid	300_Prep	
885-38968-2	B25-257 2'	Total/NA	Solid	300_Prep	
885-38968-3	B25-258 2'	Total/NA	Solid	300_Prep	
885-38968-4	B25-262 2'	Total/NA	Solid	300_Prep	
885-38968-5	B25-263 2'	Total/NA	Solid	300_Prep	
885-38968-6	B25-265 2'	Total/NA	Solid	300_Prep	
MB 885-39606/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-39606/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 39611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38968-7	B25-266 2'	Total/NA	Solid	300_Prep	
885-38968-8	B25-267 2'	Total/NA	Solid	300_Prep	
885-38968-9	B25-102 3'	Total/NA	Solid	300_Prep	
885-38968-10	WS25-56 0-2'	Total/NA	Solid	300_Prep	
MB 885-39611/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-39611/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-38968-7 MS	B25-266 2'	Total/NA	Solid	300_Prep	
885-38968-7 MSD	B25-266 2'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

HPLC/IC (Continued)

Prep Batch: 39611 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38968-8 MS	B25-267 2'	Total/NA	Solid	300_Prep	
885-38968-8 MSD	B25-267 2'	Total/NA	Solid	300_Prep	

Analysis Batch: 39624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38968-1	B25-256 2'	Total/NA	Solid	300.0	39606
885-38968-2	B25-257 2'	Total/NA	Solid	300.0	39606
885-38968-3	B25-258 2'	Total/NA	Solid	300.0	39606
885-38968-4	B25-262 2'	Total/NA	Solid	300.0	39606
885-38968-5	B25-263 2'	Total/NA	Solid	300.0	39606
885-38968-6	B25-265 2'	Total/NA	Solid	300.0	39606
MB 885-39606/1-A	Method Blank	Total/NA	Solid	300.0	39606
LCS 885-39606/2-A	Lab Control Sample	Total/NA	Solid	300.0	39606

Analysis Batch: 39647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38968-7	B25-266 2'	Total/NA	Solid	300.0	39611
885-38968-8	B25-267 2'	Total/NA	Solid	300.0	39611
885-38968-9	B25-102 3'	Total/NA	Solid	300.0	39611
885-38968-10	WS25-56 0-2'	Total/NA	Solid	300.0	39611
MB 885-39611/1-A	Method Blank	Total/NA	Solid	300.0	39611
LCS 885-39611/2-A	Lab Control Sample	Total/NA	Solid	300.0	39611
885-38968-7 MS	B25-266 2'	Total/NA	Solid	300.0	39611
885-38968-7 MSD	B25-266 2'	Total/NA	Solid	300.0	39611
885-38968-8 MS	B25-267 2'	Total/NA	Solid	300.0	39611
885-38968-8 MSD	B25-267 2'	Total/NA	Solid	300.0	39611

Lab Chronicle

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: B25-256 2'
Lab Sample ID: 885-38968-1
Date Collected: 12/03/25 09:30
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 15:00
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 15:00
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 14:50
Total/NA	Prep	300_Prep			39606	MA	EET ALB	12/09/25 12:39
Total/NA	Analysis	300.0		10	39624	EH	EET ALB	12/09/25 20:53

Client Sample ID: B25-257 2'
Lab Sample ID: 885-38968-2
Date Collected: 12/03/25 09:40
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 16:11
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 16:11
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 15:02
Total/NA	Prep	300_Prep			39606	MA	EET ALB	12/09/25 12:39
Total/NA	Analysis	300.0		10	39624	EH	EET ALB	12/09/25 21:06

Client Sample ID: B25-258 2'
Lab Sample ID: 885-38968-3
Date Collected: 12/03/25 09:50
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 17:23
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 17:23
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 15:13
Total/NA	Prep	300_Prep			39606	MA	EET ALB	12/09/25 12:39
Total/NA	Analysis	300.0		10	39624	EH	EET ALB	12/09/25 21:20

Client Sample ID: B25-262 2'
Lab Sample ID: 885-38968-4
Date Collected: 12/03/25 10:00
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 17:46

Lab Chronicle

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: B25-262 2'
Lab Sample ID: 885-38968-4
Date Collected: 12/03/25 10:00
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 17:46
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 15:25
Total/NA	Prep	300_Prep			39606	MA	EET ALB	12/09/25 12:39
Total/NA	Analysis	300.0		10	39624	EH	EET ALB	12/09/25 21:34

Client Sample ID: B25-263 2'
Lab Sample ID: 885-38968-5
Date Collected: 12/03/25 10:10
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 18:10
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 18:10
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 15:36
Total/NA	Prep	300_Prep			39606	MA	EET ALB	12/09/25 12:39
Total/NA	Analysis	300.0		10	39624	EH	EET ALB	12/09/25 21:47

Client Sample ID: B25-265 2'
Lab Sample ID: 885-38968-6
Date Collected: 12/03/25 10:30
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 18:34
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 18:34
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 15:48
Total/NA	Prep	300_Prep			39606	MA	EET ALB	12/09/25 12:39
Total/NA	Analysis	300.0		10	39624	EH	EET ALB	12/09/25 22:01

Client Sample ID: B25-266 2'
Lab Sample ID: 885-38968-7
Date Collected: 12/03/25 10:45
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 18:57
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 18:57

Lab Chronicle

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: B25-266 2'
Lab Sample ID: 885-38968-7
Date Collected: 12/03/25 10:45
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 15:59
Total/NA	Prep	300_Prep			39611	JR	EET ALB	12/09/25 13:01
Total/NA	Analysis	300.0		10	39647	MA	EET ALB	12/10/25 07:24

Client Sample ID: B25-267 2'
Lab Sample ID: 885-38968-8
Date Collected: 12/03/25 11:00
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 19:21
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 19:21
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 16:11
Total/NA	Prep	300_Prep			39611	JR	EET ALB	12/09/25 13:01
Total/NA	Analysis	300.0		10	39647	MA	EET ALB	12/10/25 07:57

Client Sample ID: B25-102 3'
Lab Sample ID: 885-38968-9
Date Collected: 12/03/25 11:15
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 19:45
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 19:45
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 16:34
Total/NA	Prep	300_Prep			39611	JR	EET ALB	12/09/25 13:01
Total/NA	Analysis	300.0		10	39647	MA	EET ALB	12/10/25 08:34

Client Sample ID: WS25-56 0-2'
Lab Sample ID: 885-38968-10
Date Collected: 12/03/25 11:30
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 20:08
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 20:08
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 16:45

Lab Chronicle

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: WS25-56 0-2'
Lab Sample ID: 885-38968-10

Date Collected: 12/03/25 11:30
Matrix: Solid

Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			39611	JR	EET ALB	12/09/25 13:01
Total/NA	Analysis	300.0		10	39647	MA	EET ALB	12/10/25 08:45

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Job ID: 885-38968-1
Project/Site: Stark 5 Fed Com 70H

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-26

Released to Imaging: 2/11/2026 1:58:40 PM
Received by OCD: 1/13/2026 6:24:50 PM

Chain-of-Custody Record

Client: Vertex

Bill to EOG

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☐ Rush

Project Name: Stark 5 Fed Com 701H

Project #: 25A-01241

Project Manager: Chance Dixon

Sampler: AH

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.2+0.3=3.5°C

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www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 8710[illegible]

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

885-38968 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-25	0930	Soil	BS25-256 2'	1.4oz	ICE	
	0940		BS25-257 2'			
	0950		BS25-258 2'			
	1000		BS25-262 2'			
	1010		BS25-263 2'			
	1030		BS25-265 2'			
	1045		BS25-266 2'			
	1100		BS25-267 2'			
	11:15		BS25-102 3'			
	11:30		WS25-59 0-2'			

BTEX / MTBE / TMB's (8021)

TPH: 8015D(GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 8011)

PAHs by 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO_3, NO_2, PO_4, SO_4

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Date	Time	Relinquished by	Received by	Via	Date	Time
12-5-25	1000				12/5/25	1000
12/5/25	1900			Courier	12/6/25	7:40

Remarks: Attn: Chase Settle

CC: cdixon@vertexresource.com

Permian@vertexresource.com

aharris@vertexresource.com

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: 885-38968-1

Login Number: 38968 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 12/12/2025 8:43:01 AM

JOB DESCRIPTION

Stark 5 Fed Com 70H

JOB NUMBER

885-38969-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/11/2026 1:38:40 PM

Eurofins Albuquerque

Job Notes

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

Authorization



Generated
12/12/2025 8:43:01 AM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Laboratory Job ID: 885-38969-1

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Definitions/Glossary

Client: Vertex Job ID: 885-38969-1
Project/Site: Stark 5 Fed Com 70H

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 Job ID: 885-38969-1
Project: Stark 5 Fed Com 70H

Job ID: 885-38969-1 Eurofins Albuquerque

Job Narrative
885-38969-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/6/2025 7:40 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 3.5°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.

Client Sample Results

Client: Vertex
Job ID: 885-38969-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: BS25-268 2.5'
Lab Sample ID: 885-38969-1
Date Collected: 12/03/25 09:00
Matrix: Solid
Date Received: 12/06/25 07:40

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		4.9		mg/Kg		12/08/25 14:48	12/09/25 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*15 - 150*	*12/08/25 14:48*	*12/09/25 20:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		12/08/25 14:48	12/09/25 20:56	1
Ethylbenzene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 20:56	1
Toluene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 20:56	1
Xylenes, Total	ND		0.099		mg/Kg		12/08/25 14:48	12/09/25 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*15 - 150*	*12/08/25 14:48*	*12/09/25 20:56*	*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]	ND		10		mg/Kg		12/08/25 15:48	12/09/25 16:57	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		12/08/25 15:48	12/09/25 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*12/08/25 15:48*	*12/09/25 16:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**660**		49		mg/Kg		12/09/25 13:01	12/10/25 09:17	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38969-1

Client Sample ID: BS25-279 2.5'

Date Collected: 12/03/25 13:00
Date Received: 12/06/25 07:40

Lab Sample ID: 885-38969-2

Matrix: Solid

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		4.9		mg/Kg		12/08/25 14:48	12/09/25 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*15 - 150*	*12/08/25 14:48*	*12/09/25 21:20*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		12/08/25 14:48	12/09/25 21:20	1
Ethylbenzene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 21:20	1
Toluene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 21:20	1
Xylenes, Total	ND		0.098		mg/Kg		12/08/25 14:48	12/09/25 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*12/08/25 14:48*	*12/09/25 21:20*	*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		12/08/25 15:48	12/09/25 17:08	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		12/08/25 15:48	12/09/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*69*		*62 - 134*	*12/08/25 15:48*	*12/09/25 17:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**710**		49		mg/Kg		12/09/25 13:01	12/10/25 09:28	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38969-1

Client Sample ID: BS25-282 2.5'

Date Collected: 12/03/25 13:15
Date Received: 12/06/25 07:40

Lab Sample ID: 885-38969-3

Matrix: Solid

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		4.9		mg/Kg		12/08/25 14:48	12/09/25 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*15 - 150*	*12/08/25 14:48*	*12/09/25 21:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		12/08/25 14:48	12/09/25 21:44	1
Ethylbenzene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 21:44	1
Toluene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 21:44	1
Xylenes, Total	ND		0.099		mg/Kg		12/08/25 14:48	12/09/25 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*12/08/25 14:48*	*12/09/25 21:44*	*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		12/08/25 15:48	12/09/25 17:19	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		12/08/25 15:48	12/09/25 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*12/08/25 15:48*	*12/09/25 17:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		51		mg/Kg		12/09/25 13:01	12/10/25 09:39	10

Client Sample Results

Client: Vertex
Job ID: 885-38969-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: BS25-283 2.5'
Lab Sample ID: 885-38969-4
Date Collected: 12/03/25 13:30
Matrix: Solid
Date Received: 12/06/25 07:40

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		4.8		mg/Kg		12/08/25 14:48	12/09/25 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*15 - 150*	*12/08/25 14:48*	*12/09/25 22:07*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		12/08/25 14:48	12/09/25 22:07	1
Ethylbenzene	ND		0.048		mg/Kg		12/08/25 14:48	12/09/25 22:07	1
Toluene	ND		0.048		mg/Kg		12/08/25 14:48	12/09/25 22:07	1
Xylenes, Total	ND		0.097		mg/Kg		12/08/25 14:48	12/09/25 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*12/08/25 14:48*	*12/09/25 22:07*	*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		9.4		mg/Kg		12/08/25 15:48	12/09/25 17:31	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		12/08/25 15:48	12/09/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*12/08/25 15:48*	*12/09/25 17:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49		mg/Kg		12/09/25 13:01	12/10/25 09:50	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38969-1

Client Sample ID: BS25-284 2.5'

Date Collected: 12/04/25 09:00
Date Received: 12/06/25 07:40

Lab Sample ID: 885-38969-5

Matrix: Solid

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		4.9		mg/Kg		12/08/25 14:48	12/09/25 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*15 - 150*	*12/08/25 14:48*	*12/09/25 22:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		12/08/25 14:48	12/09/25 22:31	1
Ethylbenzene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 22:31	1
Toluene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 22:31	1
Xylenes, Total	ND		0.098		mg/Kg		12/08/25 14:48	12/09/25 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*12/08/25 14:48*	*12/09/25 22:31*	*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]	ND		9.6		mg/Kg		12/08/25 15:48	12/09/25 17:42	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		12/08/25 15:48	12/09/25 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*12/08/25 15:48*	*12/09/25 17:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		51		mg/Kg		12/09/25 13:01	12/10/25 10:01	10

Client Sample Results

Client: Vertex
Job ID: 885-38969-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: BS25-285 2.5'
Lab Sample ID: 885-38969-6
Date Collected: 12/04/25 09:30
Matrix: Solid
Date Received: 12/06/25 07:40

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		4.8		mg/Kg		12/08/25 14:48	12/09/25 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*15 - 150*	*12/08/25 14:48*	*12/09/25 22:55*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		12/08/25 14:48	12/09/25 22:55	1
Ethylbenzene	ND		0.048		mg/Kg		12/08/25 14:48	12/09/25 22:55	1
Toluene	ND		0.048		mg/Kg		12/08/25 14:48	12/09/25 22:55	1
Xylenes, Total	ND		0.097		mg/Kg		12/08/25 14:48	12/09/25 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*12/08/25 14:48*	*12/09/25 22:55*	*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		9.5		mg/Kg		12/08/25 15:48	12/09/25 17:54	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		12/08/25 15:48	12/09/25 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*12/08/25 15:48*	*12/09/25 17:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		50		mg/Kg		12/09/25 13:01	12/10/25 10:11	10

Client Sample Results

Client: Vertex
Job ID: 885-38969-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: BS25-286 2.5'
Lab Sample ID: 885-38969-7
Date Collected: 12/04/25 10:00
Matrix: Solid
Date Received: 12/06/25 07:40

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		4.8		mg/Kg		12/08/25 14:48	12/09/25 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*15 - 150*	*12/08/25 14:48*	*12/09/25 23:19*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		12/08/25 14:48	12/09/25 23:19	1
Ethylbenzene	ND		0.048		mg/Kg		12/08/25 14:48	12/09/25 23:19	1
Toluene	ND		0.048		mg/Kg		12/08/25 14:48	12/09/25 23:19	1
Xylenes, Total	ND		0.097		mg/Kg		12/08/25 14:48	12/09/25 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*12/08/25 14:48*	*12/09/25 23:19*	*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		12/08/25 15:48	12/09/25 18:05	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		12/08/25 15:48	12/09/25 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*	*12/08/25 15:48*	*12/09/25 18:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**420**		50		mg/Kg		12/09/25 13:01	12/10/25 10:22	10

Client Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38969-1

Client Sample ID: BS25-287 2.5'
Date Collected: 12/04/25 10:30
Date Received: 12/06/25 07:40

Lab Sample ID: 885-38969-8
Matrix: Solid

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		4.9		mg/Kg		12/08/25 14:48	12/09/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*15 - 150*	*12/08/25 14:48*	*12/09/25 23:42*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		12/08/25 14:48	12/09/25 23:42	1
Ethylbenzene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 23:42	1
Toluene	ND		0.049		mg/Kg		12/08/25 14:48	12/09/25 23:42	1
Xylenes, Total	ND		0.098		mg/Kg		12/08/25 14:48	12/09/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*12/08/25 14:48*	*12/09/25 23:42*	*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		12/08/25 15:48	12/09/25 18:17	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		12/08/25 15:48	12/09/25 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*12/08/25 15:48*	*12/09/25 18:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		50		mg/Kg		12/09/25 13:01	12/10/25 10:33	10

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38969-1

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

Lab Sample ID: MB 885-39551/1-A
Matrix: Solid
Analysis Batch: 39584

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39551

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		12/08/25 14:48	12/09/25 14:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*15 - 150*	*12/08/25 14:48*	*12/09/25 14:36*	*1*

Lab Sample ID: LCS 885-39551/2-A
Matrix: Solid
Analysis Batch: 39584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39551

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	28.1		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*235*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-39551/1-A
Matrix: Solid
Analysis Batch: 39585

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39551

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		12/08/25 14:48	12/09/25 14:36	1
Ethylbenzene	ND		0.050		mg/Kg		12/08/25 14:48	12/09/25 14:36	1
Toluene	ND		0.050		mg/Kg		12/08/25 14:48	12/09/25 14:36	1
Xylenes, Total	ND		0.10		mg/Kg		12/08/25 14:48	12/09/25 14:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*12/08/25 14:48*	*12/09/25 14:36*	*1*

Lab Sample ID: LCS 885-39551/3-A
Matrix: Solid
Analysis Batch: 39585

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39551

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.928		mg/Kg		93	70 - 130		
Ethylbenzene			1.00	0.914		mg/Kg		91	70 - 130		
Toluene			1.00	0.935		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*15 - 150*

QC Sample Results

Client: Vertex
Project/Site: Stark 5 Fed Com 70H

Job ID: 885-38969-1

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

Lab Sample ID: MB 885-39555/1-A
Matrix: Solid
Analysis Batch: 39583

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39555

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		12/08/25 15:48	12/09/25 14:27	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		12/08/25 15:48	12/09/25 14:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*12/08/25 15:48*	*12/09/25 14:27*	*1*

Lab Sample ID: LCS 885-39555/2-A
Matrix: Solid
Analysis Batch: 39583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39555

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	35.8		mg/Kg		72	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*72*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-39611/1-A
Matrix: Solid
Analysis Batch: 39647

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39611

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		4.9		mg/Kg		12/09/25 13:01	12/10/25 07:02	1

Lab Sample ID: LCS 885-39611/2-A
Matrix: Solid
Analysis Batch: 39647

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39611

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			49.3	48.3		mg/Kg		98	90 - 110		

QC Association Summary

Client: Vertex
Job ID: 885-38969-1
Project/Site: Stark 5 Fed Com 70H

GC VOA

Prep Batch: 39551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38969-1	BS25-268 2.5'	Total/NA	Solid	5030C	
885-38969-2	BS25-279 2.5'	Total/NA	Solid	5030C	
885-38969-3	BS25-282 2.5'	Total/NA	Solid	5030C	
885-38969-4	BS25-283 2.5'	Total/NA	Solid	5030C	
885-38969-5	BS25-284 2.5'	Total/NA	Solid	5030C	
885-38969-6	BS25-285 2.5'	Total/NA	Solid	5030C	
885-38969-7	BS25-286 2.5'	Total/NA	Solid	5030C	
885-38969-8	BS25-287 2.5'	Total/NA	Solid	5030C	
MB 885-39551/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-39551/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-39551/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 39584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38969-1	BS25-268 2.5'	Total/NA	Solid	8015M/D	39551
885-38969-2	BS25-279 2.5'	Total/NA	Solid	8015M/D	39551
885-38969-3	BS25-282 2.5'	Total/NA	Solid	8015M/D	39551
885-38969-4	BS25-283 2.5'	Total/NA	Solid	8015M/D	39551
885-38969-5	BS25-284 2.5'	Total/NA	Solid	8015M/D	39551
885-38969-6	BS25-285 2.5'	Total/NA	Solid	8015M/D	39551
885-38969-7	BS25-286 2.5'	Total/NA	Solid	8015M/D	39551
885-38969-8	BS25-287 2.5'	Total/NA	Solid	8015M/D	39551
MB 885-39551/1-A	Method Blank	Total/NA	Solid	8015M/D	39551
LCS 885-39551/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	39551

Analysis Batch: 39585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38969-1	BS25-268 2.5'	Total/NA	Solid	8021B	39551
885-38969-2	BS25-279 2.5'	Total/NA	Solid	8021B	39551
885-38969-3	BS25-282 2.5'	Total/NA	Solid	8021B	39551
885-38969-4	BS25-283 2.5'	Total/NA	Solid	8021B	39551
885-38969-5	BS25-284 2.5'	Total/NA	Solid	8021B	39551
885-38969-6	BS25-285 2.5'	Total/NA	Solid	8021B	39551
885-38969-7	BS25-286 2.5'	Total/NA	Solid	8021B	39551
885-38969-8	BS25-287 2.5'	Total/NA	Solid	8021B	39551
MB 885-39551/1-A	Method Blank	Total/NA	Solid	8021B	39551
LCS 885-39551/3-A	Lab Control Sample	Total/NA	Solid	8021B	39551

GC Semi VOA

Prep Batch: 39555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38969-1	BS25-268 2.5'	Total/NA	Solid	SHAKE	
885-38969-2	BS25-279 2.5'	Total/NA	Solid	SHAKE	
885-38969-3	BS25-282 2.5'	Total/NA	Solid	SHAKE	
885-38969-4	BS25-283 2.5'	Total/NA	Solid	SHAKE	
885-38969-5	BS25-284 2.5'	Total/NA	Solid	SHAKE	
885-38969-6	BS25-285 2.5'	Total/NA	Solid	SHAKE	
885-38969-7	BS25-286 2.5'	Total/NA	Solid	SHAKE	
885-38969-8	BS25-287 2.5'	Total/NA	Solid	SHAKE	
MB 885-39555/1-A	Method Blank	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex Job ID: 885-38969-1
Project/Site: Stark 5 Fed Com 70H

GC Semi VOA (Continued)

Prep Batch: 39555 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-39555/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 39583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38969-1	BS25-268 2.5'	Total/NA	Solid	8015M/D	39555
885-38969-2	BS25-279 2.5'	Total/NA	Solid	8015M/D	39555
885-38969-3	BS25-282 2.5'	Total/NA	Solid	8015M/D	39555
885-38969-4	BS25-283 2.5'	Total/NA	Solid	8015M/D	39555
885-38969-5	BS25-284 2.5'	Total/NA	Solid	8015M/D	39555
885-38969-6	BS25-285 2.5'	Total/NA	Solid	8015M/D	39555
885-38969-7	BS25-286 2.5'	Total/NA	Solid	8015M/D	39555
885-38969-8	BS25-287 2.5'	Total/NA	Solid	8015M/D	39555
MB 885-39555/1-A	Method Blank	Total/NA	Solid	8015M/D	39555
LCS 885-39555/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	39555

HPLC/IC

Prep Batch: 39611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38969-1	BS25-268 2.5'	Total/NA	Solid	300_Prep	
885-38969-2	BS25-279 2.5'	Total/NA	Solid	300_Prep	
885-38969-3	BS25-282 2.5'	Total/NA	Solid	300_Prep	
885-38969-4	BS25-283 2.5'	Total/NA	Solid	300_Prep	
885-38969-5	BS25-284 2.5'	Total/NA	Solid	300_Prep	
885-38969-6	BS25-285 2.5'	Total/NA	Solid	300_Prep	
885-38969-7	BS25-286 2.5'	Total/NA	Solid	300_Prep	
885-38969-8	BS25-287 2.5'	Total/NA	Solid	300_Prep	
MB 885-39611/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-39611/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 39647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-38969-1	BS25-268 2.5'	Total/NA	Solid	300.0	39611
885-38969-2	BS25-279 2.5'	Total/NA	Solid	300.0	39611
885-38969-3	BS25-282 2.5'	Total/NA	Solid	300.0	39611
885-38969-4	BS25-283 2.5'	Total/NA	Solid	300.0	39611
885-38969-5	BS25-284 2.5'	Total/NA	Solid	300.0	39611
885-38969-6	BS25-285 2.5'	Total/NA	Solid	300.0	39611
885-38969-7	BS25-286 2.5'	Total/NA	Solid	300.0	39611
885-38969-8	BS25-287 2.5'	Total/NA	Solid	300.0	39611
MB 885-39611/1-A	Method Blank	Total/NA	Solid	300.0	39611
LCS 885-39611/2-A	Lab Control Sample	Total/NA	Solid	300.0	39611

Lab Chronicle

Client: Vertex
Job ID: 885-38969-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: BS25-268 2.5'
Lab Sample ID: 885-38969-1
Date Collected: 12/03/25 09:00
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 20:56
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 20:56
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 16:57
Total/NA	Prep	300_Prep			39611	JR	EET ALB	12/09/25 13:01
Total/NA	Analysis	300.0		10	39647	MA	EET ALB	12/10/25 09:17

Client Sample ID: BS25-279 2.5'
Lab Sample ID: 885-38969-2
Date Collected: 12/03/25 13:00
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 21:20
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 21:20
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 17:08
Total/NA	Prep	300_Prep			39611	JR	EET ALB	12/09/25 13:01
Total/NA	Analysis	300.0		10	39647	MA	EET ALB	12/10/25 09:28

Client Sample ID: BS25-282 2.5'
Lab Sample ID: 885-38969-3
Date Collected: 12/03/25 13:15
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 21:44
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 21:44
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 17:19
Total/NA	Prep	300_Prep			39611	JR	EET ALB	12/09/25 13:01
Total/NA	Analysis	300.0		10	39647	MA	EET ALB	12/10/25 09:39

Client Sample ID: BS25-283 2.5'
Lab Sample ID: 885-38969-4
Date Collected: 12/03/25 13:30
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 22:07

Lab Chronicle

Client: Vertex
Job ID: 885-38969-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: BS25-283 2.5'
Lab Sample ID: 885-38969-4
Date Collected: 12/03/25 13:30
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 22:07
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 17:31
Total/NA	Prep	300_Prep			39611	JR	EET ALB	12/09/25 13:01
Total/NA	Analysis	300.0		10	39647	MA	EET ALB	12/10/25 09:50

Client Sample ID: BS25-284 2.5'
Lab Sample ID: 885-38969-5
Date Collected: 12/04/25 09:00
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 22:31
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 22:31
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 17:42
Total/NA	Prep	300_Prep			39611	JR	EET ALB	12/09/25 13:01
Total/NA	Analysis	300.0		10	39647	MA	EET ALB	12/10/25 10:01

Client Sample ID: BS25-285 2.5'
Lab Sample ID: 885-38969-6
Date Collected: 12/04/25 09:30
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 22:55
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 22:55
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 17:54
Total/NA	Prep	300_Prep			39611	JR	EET ALB	12/09/25 13:01
Total/NA	Analysis	300.0		10	39647	MA	EET ALB	12/10/25 10:11

Client Sample ID: BS25-286 2.5'
Lab Sample ID: 885-38969-7
Date Collected: 12/04/25 10:00
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 23:19
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 23:19

Lab Chronicle

Client: Vertex
Job ID: 885-38969-1
Project/Site: Stark 5 Fed Com 70H

Client Sample ID: BS25-286 2.5'
Lab Sample ID: 885-38969-7
Date Collected: 12/04/25 10:00
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 18:05
Total/NA	Prep	300_Prep			39611	JR	EET ALB	12/09/25 13:01
Total/NA	Analysis	300.0		10	39647	MA	EET ALB	12/10/25 10:22

Client Sample ID: BS25-287 2.5'
Lab Sample ID: 885-38969-8
Date Collected: 12/04/25 10:30
Matrix: Solid
Date Received: 12/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8015M/D		1	39584	VP	EET ALB	12/09/25 23:42
Total/NA	Prep	5030C			39551	VP	EET ALB	12/08/25 14:48
Total/NA	Analysis	8021B		1	39585	VP	EET ALB	12/09/25 23:42
Total/NA	Prep	SHAKE			39555	DR	EET ALB	12/08/25 15:48
Total/NA	Analysis	8015M/D		1	39583	BV	EET ALB	12/09/25 18:17
Total/NA	Prep	300_Prep			39611	JR	EET ALB	12/09/25 13:01
Total/NA	Analysis	300.0		10	39647	MA	EET ALB	12/10/25 10:33

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Job ID: 885-38969-1
Project/Site: Stark 5 Fed Com 70H

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-26

Released to Imaging: 2/11/2026 1:58:40 PM
Received by OCD: 1/13/2026 6:24:50 PM

Chain-of-Custody Record

Client: Vertex

Bill to EOG

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☐ Rush

Project Name: Stark 5 Fed Com 701H

Project #: 25A-01241

Project Manager: Chance Dixon

Sampler: AH

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.2+0.3=3.5

eurofins | Environment

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 871

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

885-38969 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
12-3-25	0900	Soil	BS25-268 2.5'	1.4oz	ICE	
	1300		BS25-279 2.5'			
	1315		BS25-282 2.5'			
	1330		BS25-283 2.5'			
12-4-25	0900		BS25-284 2.5'			
	0930		BS25-285 2.5'			
	1000		BS25-286 2.5'			
	1030		BS25-287 2.5'			

Analysis Request

BTEX / MTBE / TMB's (8021)
TPH: 8015D(GRO / DRO / MRO)
8081 Pesticides/8082 PCB's
EDB (Method 8011)
PAHs by 8270SIMS
RCRA 8 Metals
Cl, F, Br, NO_3, NO_2, PO_4, SO_4
8260 (VOA)
8270 (Semi-VOA)
Total Coliform (Present/Absent)

Date	Time	Relinquished by	Received by	Via	Date	Time
12-5-25	0900	Austin Harris				
12/5/25	1410			Courier	12/6/25	7:40

Remarks: Attn: Chase Settle
cc: cdixon@vertexresource.com
Permian@vertexresource.com
aharris@vertexresource.com

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

12/12/2025

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-38969-1

Login Number: 38969 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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

CARDINAL Laboratories

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

December 22, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 12/18/25 13:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 269 3.5' (H257837-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *75.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.0 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 270 3.5' (H257837-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *78.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.7 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 271 4.5' (H257837-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *78.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 272 3.5' (H257837-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *80.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.9 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 273 4.5' (H257837-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *80.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.1 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 274 4.5' (H257837-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *81.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.2 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 275 4.5' (H257837-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *82.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 276 3.5' (H257837-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *78.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 277 4.5' (H257837-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *74.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 278 3.5' (H257837-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *73.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.1 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 279 3.5' (H257837-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *73.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 280 3.5' (H257837-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**592**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *77.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 281 3.5' (H257837-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**480**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *76.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 288 3.5' (H257837-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *76.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.6 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 290 4.5' (H257837-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *78.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 291 4.5' (H257837-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *76.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 292 4.5' (H257837-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *79.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.0 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 293 4.5' (H257837-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	204	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	200	100	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *80.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 294 4.5' (H257837-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.95	97.5	2.00	0.415	
Toluene*	<0.050	0.050	12/19/2025	ND	2.14	107	2.00	0.935	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.09	104	2.00	1.44	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.16	103	6.00	1.97	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	12/19/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *103 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 295 3.5' (H257837-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**480**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *109 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *104 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 296 4.5' (H257837-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *113 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *107 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 297 4.5' (H257837-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *116 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *109 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 298 3.5' (H257837-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *119 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *112 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 299 2.5' (H257837-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *114 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *109 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 300 2.5' (H257837-26)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *111 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *106 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 301 2.5' (H257837-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *100 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 302 3.5' (H257837-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *113 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *106 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 303 3.5' (H257837-29)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *117 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *110 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 304 3.5' (H257837-30)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	12/19/2025	ND	416	104	400	0.00	

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *107 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 305 3.5' (H257837-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *115 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *109 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 306 3.5' (H257837-32)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *117 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *112 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 307 3.5' (H257837-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *119 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *111 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 308 3.5' (H257837-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *116 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *109 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 309 3.5' (H257837-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *118 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *112 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 310 2.5' (H257837-36)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *117 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *111 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 311 2.5' (H257837-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *124 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *118 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/18/2025	Sampling Date:	12/16/2025
Reported:	12/22/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 312 4.5' (H257837-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2025	ND	1.92	95.9	2.00	2.66	
Toluene*	<0.050	0.050	12/19/2025	ND	2.09	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	12/19/2025	ND	2.08	104	2.00	1.90	
Total Xylenes*	<0.150	0.150	12/19/2025	ND	6.28	105	6.00	0.871	
Total BTEX	<0.300	0.300	12/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	12/19/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	224	112	200	0.639	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	206	103	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *116 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *111 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride	ANALYSIS REQUEST
H257837																		
1	BS25-269 3.5'	C	1			X							12.16.25	13:00	X	X	X	
2	BS25-270 3.5'	C	1			X							12.16.25	13:05	X	X	X	
3	BS25-271 4.5'	C	1			X							12.16.25	13:10	X	X	X	
4	BS25-272 3.5'	C	1			X							12.16.25	13:15	X	X	X	
5	BS25-273 4.5'	C	1			X							12.16.25	13:20	X	X	X	
6	BS25-274 4.5'	C	1			X							12.16.25	13:25	X	X	X	
7	BS25-275 4.5'	C	1			X							12.16.25	13:30	X	X	X	
8	BS25-276 3.5'	C	1			X							12.16.25	13:35	X	X	X	
9	BS25-277 4.5'	C	1			X							12.16.25	13:40	X	X	X	
10	BS25-278 3.5'	C	1			X							12.16.25	13:45	X	X	X	

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0402401K - all

Relinquished By:	Date: 12.18.25 Time: 1305	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: cdixon@vertexresource.com jrewis@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.6 Corrected Temp. °C 3.9	Sample Condition Cool / Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)

REMARKS: Direct Bill to EOG Resources

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush ☐ Cool Intact Observed Temp. °C
Thermometer ID #113 #140
Correction Factor -0.5°C +0.3°C
48 hr
☐ Yes ☐ Yes
☐ No ☐ No Corrected Temp. °C

CT. 12/18/25

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H257837																	
11	BS25-279 3.5'	C	1			X							12.16.25	13:50	X	X	X
12	BS25-280 3.5'	C	1			X							12.16.25	13:55	X	X	X
13	BS25-281 3.5'	C	1			X							12.16.25	14:00	X	X	X
14	BS25-288 3.5'	C	1			X							12.16.25	14:05	X	X	X
15	~~BS25-289 4.5'~~	C	1			X							12.16.25	~~14:50~~	X	X	X
16	BS25-290 4.5'	C	1			X							12.16.25	14:10	X	X	X
17	BS25-291 4.5'	C	1			X							12.16.25	14:15	X	X	X
18	BS25-292 4.5'	C	1			X							12.16.25	14:20	X	X	X
19	BS25-293 4.5'	C	1			X							12.16.25	14:25	X	X	X
20	BS25-294 4.5'	C	1			X							12.16.25	14:30	X	X	X

NO Sample Rec. 12/18/25

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Relinquished By:	Date: 12.18.25	Received By:	Verbal Result: ☐ Yes ☐ No / Add'l Phone #:
	Time: 1305		All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.6 Corrected Temp. °C 3.9	Sample Condition Cool: Yes / No Intact: Yes / No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☐ Bacteria (only) Sample Condition: Cool / Intact / Observed Temp. °C; Thermometer ID #140; Correction Factor -0.5°C +0.3°; 48 hr; Corrected Temp. °C: Yes / No

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H25787																	
21	BS25-295 3.5'	C	1			X							12.16.25	14:35	X	X	X
22	BS25-296 4.5'	C	1			X							12.16.25	14:40	X	X	X
23	BS25-297 4.5'	C	1			X							12.16.25	14:45	X	X	X
24	BS25-298 3.5'	C	1			X							12.16.25	14:50	X	X	X
25	BS25-299 2.5'	C	1			X							12.16.25	10:00	X	X	X
26	BS25-300 2.5'	C	1			X							12.16.25	10:05	X	X	X
27	BS25-301 2.5'	C	1			X							12.16.25	10:10	X	X	X
28	BS25-302 3.5'	C	1			X							12.16.25	8:00	X	X	X
29	BS25-303 3.5'	C	1			X							12.16.25	8:05	X	X	X
30	BS25-304 3.5'	C	1			X							12.16.25	8:10	X	X	X

ANALYSIS REQUEST

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 12.18.25 Time: 1305	Received By:	Verbal Result: ☐ Yes ☐ No — Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.6 Corrected Temp. °C 3.9	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)

REMARKS: Direct Bill to EOG Resources

Turnaround Time: Standard ☐ Rush ☑ — Bacteria (only) Sample Condition: Cool Intact Observed Temp. °C

Thermometer ID #140 Correction Factor -0.5°C +0.3 — 48 hr — ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

12/14/25

240240 1K - all

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	MATRIX: WASTEWATER	MATRIX: SOIL	MATRIX: OIL	MATRIX: SLUDGE	MATRIX: OTHER	PRESERV.: ACID/BASE	PRESERV.: ICE / COOL	PRESERV.: OTHER	SAMPLING: DATE	SAMPLING: TIME	ANALYSIS REQUEST: BTEX (8021)	ANALYSIS REQUEST: TPH:8015D(GRO / DRO / MRO)	ANALYSIS REQUEST: Chloride
H257837																	
31	BS25-305 3.5'	C	1			X							12.16.25	8:15	X	X	X
32	BS25-306 3.5'	C	1			X							12.16.25	8:20	X	X	X
33	BS25-307 3.5'	C	1			X							12.16.25	8:25	X	X	X
34	BS25-308 3.5'	C	1			X							12.16.25	8:30	X	X	X
35	BS25-309 3.5'	C	1			X							12.16.25	8:35	X	X	X
36	BS25-310 2.5'	C	1			X							12.16.25	10:30	X	X	X
37	BS25-311 2.5'	C	1			X							12.16.25	10:35	X	X	X
38	BS25-312 4.5'	C	1			X							12.16.25	10:40	X	X	X

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Relinquished By:	Date: 12.18.25	Received By:	Verbal Result: ☐ Yes ☐ No — Add'l Phone #:
	Time: 1305		All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.6 Corrected Temp. °C 3.4	Sample Condition Cool: Yes / Intact: Yes; No / No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition; Rush ☑ Cool Intact Observed Temp. °C; Thermometer ID #113 #140; Correction Factor -0.2°C +0.3c; 48 hr; Yes/Yes; No/No Corrected Temp. °C

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12/18/25

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CARDINAL Laboratories

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

December 26, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 12/23/25 11:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 222 7' (H257911-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/23/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *79.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 258 3' (H257911-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/23/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *81.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.7 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 259 3' (H257911-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.4 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/23/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *87.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 260 3' (H257911-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**352**	16.0	12/23/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *82.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.9 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 261 3' (H257911-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	12/23/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *79.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.6 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 264 3' (H257911-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	12/23/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *77.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.2 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 266 3' (H257911-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	12/23/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *78.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 60 2.5' - 3.5' (H257911-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	12/23/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *82.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 61 2.5' - 3.5' (H257911-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/26/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *83.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 62 2.5' - 3.5' (H257911-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	12/26/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *84.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 63 3.5' - 4.5' (H257911-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.4 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	12/26/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *73.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 64 3.5' - 4.5' (H257911-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	12/26/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *82.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 65 3.5' - 4.5' (H257911-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	12/26/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *78.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 66 0' - 2.5' (H257911-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/26/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *71.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/23/2025	Sampling Date:	12/18/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 67 0' - 3.5' (H257911-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2025	ND	1.94	97.2	2.00	0.507	
Toluene*	<0.050	0.050	12/24/2025	ND	1.93	96.7	2.00	0.953	
Ethylbenzene*	<0.050	0.050	12/24/2025	ND	1.92	96.1	2.00	0.0229	
Total Xylenes*	<0.150	0.150	12/24/2025	ND	5.66	94.4	6.00	0.291	
Total BTEX	<0.300	0.300	12/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	12/26/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	186	93.0	200	0.283	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	185	92.6	200	0.214	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *68.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.8 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H25 7911																	
1	BS25-222 7'	C	1			X							12.18.25	8:00	X	X	X
2	BS25-258 3'	C	1			X							12.18.25	8:05	X	X	X
3	BS25-259 3'	C	1			X							12.18.25	8:10	X	X	X
4	BS25-260 3'	C	1			X							12.18.25	8:15	X	X	X
5	BS25-261 3'	C	1			X							12.18.25	8:20	X	X	X
6	BS25-264 3'	C	1			X							12.18.25	8:25	X	X	X
7	BS25-266 3'	C	1			X							12.18.25	8:30	X	X	X
	[redacted] JR	C	1			X							12.18.25	8:35	X	X	X
8	WS25-60 2.5' - 3.5'	C	1			X							12.18.25	10:05	X	X	X
9	WS25-61 2.5' - 3.5'	C	1			X							12.18.25	10:10	X	X	X

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040240115 - all

Relinquished By:	Date: 12.23.25 Time: 13:30	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: cdixon@vertexresource.com jrewis@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
			REMARKS: Direct Bill to EOG Resources
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.4 Corrected Temp. °C 3.7	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)

Thermometer ID #113 #140
Correction Factor -0.5°C +0.3°
12/23/25

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H25 7911																	
10	WS25-62 2.5' - 3.5'	C	1			X							12.18.25	10:15	X	X	X
11	WS25-63 3.5' - 4.5'	C	1			X							12.18.25	10:20	X	X	X
12	WS25-64 3.5' - 4.5'	C	1			X							12.18.25	10:25	X	X	X
13	WS25-65 3.5' - 4.5'	C	1			X							12.18.25	10:30	X	X	X
14	WS25-66 0' -2.5'	C	1			X							12.18.25	10:35	X	X	X
15	WS25-67 0' -3.5'	C	1			X							12.18.25	10:40	X	X	X
16	~~WS25-68 3.5' - 5.5'~~	C	1			X							12.18.25	10:45	X	X	X

NO Sample in Jar
12/23/25

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0402401K-all

Relinquished By:	Date: 12.23.25 Time: 1120	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.4 Corrected Temp. °C 3.7	Sample Condition Cool Intact ☑ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)

REMARKS: Direct Bill to EOG Resources
3 Day added 12/23/25

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush ☐ Cool Intact Observed Temp. °C
Thermometer ID #113 #140
Correction Factor -0.5°C +0.3°
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

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December 31, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 12/29/25 12:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 289 4.5' (H257929-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.02	101	2.00	13.7	
Toluene*	<0.050	0.050	12/29/2025	ND	2.13	107	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	13.1	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.32	105	6.00	12.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *107 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 313 4.5' (H257929-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.02	101	2.00	13.7	
Toluene*	<0.050	0.050	12/29/2025	ND	2.13	107	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	13.1	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.32	105	6.00	12.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *103 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 314 4.5' (H257929-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.02	101	2.00	13.7	
Toluene*	<0.050	0.050	12/29/2025	ND	2.13	107	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	13.1	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.32	105	6.00	12.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *109 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 315 3.5' (H257929-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.02	101	2.00	13.7	
Toluene*	<0.050	0.050	12/29/2025	ND	2.13	107	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	13.1	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.32	105	6.00	12.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *109 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *105 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 316 3.5' (H257929-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.02	101	2.00	13.7	
Toluene*	<0.050	0.050	12/29/2025	ND	2.13	107	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	13.1	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.32	105	6.00	12.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *118 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *114 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 317 3' (H257929-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.02	101	2.00	13.7	
Toluene*	<0.050	0.050	12/29/2025	ND	2.13	107	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	13.1	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.32	105	6.00	12.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *104 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 318 3' (H257929-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *115 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *111 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 319 3' (H257929-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *117 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *113 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 320 4' (H257929-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *114 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *111 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 321 3' (H257929-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *114 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *110 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 322 3' (H257929-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *115 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *110 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 323 3' (H257929-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *121 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *118 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 324 3' (H257929-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *119 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *115 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 325 3' (H257929-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *115 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *112 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 326 3' (H257929-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	109	200	2.46	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	197	98.4	200	0.0269	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *115 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *110 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 327 2' (H257929-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *85.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 328 3' (H257929-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *88.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.4 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 329 3' (H257929-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *92.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 330 3' (H257929-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *72.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 331 3' (H257929-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *92.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.8 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 332 3' (H257929-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *89.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.6 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 333 3' (H257929-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *88.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 334 2' (H257929-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	12/29/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *90.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.3 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 335 3' (H257929-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *89.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 336 2' (H257929-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *93.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 337 4' (H257929-26)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	1.90	95.2	2.00	9.63	
Toluene*	<0.050	0.050	12/29/2025	ND	1.93	96.4	2.00	9.61	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	1.87	93.7	2.00	8.74	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	5.95	99.2	6.00	8.78	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *81.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.5 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 338 3.5' (H257929-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *76.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.5 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 24 0' - 2' (H257929-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *80.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.6 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 68 3.5' - 5' (H257929-29)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *76.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.6 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 69 0' - 2' (H257929-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *91.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.9 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 70 0' - 2' (H257929-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *86.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.1 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 71 0' - 2' (H257929-32)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *88.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.7 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 72 0' - 2' (H257929-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *84.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.6 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 73 2' - 3' (H257929-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *89.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.0 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 74 2' - 3' (H257929-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2025	ND	219	110	200	0.481	
DRO >C10-C28*	<10.0	10.0	12/29/2025	ND	202	101	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	12/29/2025	ND					

Surrogate: 1-Chlorooctane *84.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 75 0' - 2' (H257929-36)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2025	ND	192	95.9	200	1.74	
DRO >C10-C28*	<10.0	10.0	12/30/2025	ND	188	93.8	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	12/30/2025	ND					

Surrogate: 1-Chlorooctane *91.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 76 3' - 4' (H257929-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2025	ND	192	95.9	200	1.74	
DRO >C10-C28*	<10.0	10.0	12/30/2025	ND	188	93.8	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	12/30/2025	ND					

Surrogate: 1-Chlorooctane *89.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 77 2' - 3' (H257929-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2025	ND	192	95.9	200	1.74	
DRO >C10-C28*	<10.0	10.0	12/30/2025	ND	188	93.8	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	12/30/2025	ND					

Surrogate: 1-Chlorooctane *90.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.2 %* *39.9-141*

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 78 2' - 6.5' (H257929-39)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2025	ND	192	95.9	200	1.74	
DRO >C10-C28*	<10.0	10.0	12/30/2025	ND	188	93.8	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	12/30/2025	ND					

Surrogate: 1-Chlorooctane *92.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 79 2' - 6.5' (H257929-40)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2025	ND	192	95.9	200	1.74	
DRO >C10-C28*	<10.0	10.0	12/30/2025	ND	188	93.8	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	12/30/2025	ND					

Surrogate: 1-Chlorooctane *87.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	12/29/2025	Sampling Date:	12/23/2025
Reported:	12/31/2025	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	Cool & Intact
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: WS25 - 80 2' - 6.5' (H257929-41)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2025	ND	2.06	103	2.00	14.9	
Toluene*	<0.050	0.050	12/29/2025	ND	2.21	111	2.00	14.9	
Ethylbenzene*	<0.050	0.050	12/29/2025	ND	2.14	107	2.00	11.9	
Total Xylenes*	<0.150	0.150	12/29/2025	ND	6.30	105	6.00	11.4	
Total BTEX	<0.300	0.300	12/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	12/29/2025	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2025	ND	192	95.9	200	1.74	
DRO >C10-C28*	<10.0	10.0	12/30/2025	ND	188	93.8	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	12/30/2025	ND					

Surrogate: 1-Chlorooctane *94.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.8 %* *39.9-141*

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H257729																	
1	BS25-289 4.5'	C	1			X							12.23.25	8:35	X	X	X
2	BS25-313 4.5'	C	1			X							12.23.25	8:40	X	X	X
3	BS25-314 4.5'	C	1			X							12.23.25	8:45	X	X	X
4	BS25-315 3.5'	C	1			X							12.23.25	8:50	X	X	X
5	BS25-316 3.5'	C	1			X							12.23.25	8:55	X	X	X
6	BS25-317 3'	C	1			X							12.23.25	9:00	X	X	X
7	BS25-318 3'	C	1			X							12.23.25	9:05	X	X	X
8	BS25-319 3'	C	1			X							12.23.25	9:10	X	X	X
9	BS25-320 4'	C	1			X							12.23.25	15:00	X	X	X
10	BS25-321 3'	C	1			X							12.23.25	15:05	X	X	X

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Relinquished By:	Date: 12.24.25 Time: 1315	Received By: SRodriguez	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: cdixon@vertexresource.com jrewis@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
			REMARKS: Direct Bill to EOG Resources

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.3 Corrected Temp. °C 3.6	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) SR	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor -0.5°C #140 +0.3 48 hr ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 1/13/2026 6:24:50 PM

Released to Imaging: 2/11/2026 1:58:40 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H257929																	
11	BS25-322 3'	C	1			X							12.23.25	9:13	X	X	X
12	BS25-323 3'	C	1			X							12.23.25	9:15	X	X	X
13	BS25-324 3'	C	1			X							12.23.25	9:17	X	X	X
14	BS25-325 3'	C	1			X							12.23.25	9:20	X	X	X
15	BS25-326 3'	C	1			X							12.23.25	9:25	X	X	X
16	BS25-327 2'	C	1			X							12.23.25	15:10	X	X	X
17	BS25-328 3'	C	1			X							12.23.25	15:15	X	X	X
18	BS25-329 3'	C	1			X							12.23.25	9:00	X	X	X
19	BS25-330 3'	C	1			X							12.23.25	9:35	X	X	X
20	BS25-331 3'	C	1			X							12.23.25	9:40	X	X	X

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Relinquished By:	Date: 12.24.25 Time: 615	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com jrewis@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.3 Corrected Temp. °C 3.4	Sample Condition Cool: Yes Intact: Yes / No	CHECKED BY: (Initials) SR

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush ☐ Cool Intact Observed Temp. °C
Thermometer ID #140 Correction Factor -0.5°C 48 hr
#140 +0.3?
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY Lab I.D. H257929	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
21	BS25-332 3'	C	1			X							12.23.25	9:45	X	X	X
22	BS25-333 3'	C	1			X							12.23.25	9:50	X	X	X
23	BS25-334 2'	C	1			X							12.23.25	9:55	X	X	X
24	BS25-335 3'	C	1			X							12.23.25	10:00	X	X	X
25	BS25-336 2'	C	1			X							12.23.25	10:05	X	X	X
26	BS25-337 4'	C	1			X							12.23.25	10:10	X	X	X
27	BS25-338 3.5'	C	1			X							12.23.25	10:15	X	X	X
28	WS25-24 0' - 2'	C	1			X							12.23.25	10:20	X	X	X
29	WS25-68 3.5' - 5'	C	1			X							12.23.25	10:25	X	X	X
30	WS25-69 0' - 2'	C	1			X							12.23.25	10:50	X	X	X

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Relinquished By:	Date: 12.29.25 Time: 1215	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address: cdixon@vertexresource.com jrewis@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.3 Corrected Temp. °C 3.6	Sample Condition Cool: Yes / No Intact: Yes / No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☐ Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.5 °C #140 48 hr 3.3 Yes / No Yes / No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE:	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H257929																	
31	WS25-70 0' - 2'	C	1			X							12.23.25	10:55	X	X	X
32	WS25-71 0' - 2'	C	1			X							12.23.25	11:00	X	X	X
33	WS25-72 0' - 2'	C	1			X							12.23.25	11:05	X	X	X
34	WS25-73 2' - 3'	C	1			X							12.23.25	11:10	X	X	X
35	WS25-74 2' - 3'	C	1			X							12.23.25	11:15	X	X	X
36	WS25-75 0' - 2'	C	1			X							12.23.25	11:20	X	X	X
37	WS25-76 3' - 4'	C	1			X							12.23.25	11:25	X	X	X
38	WS25-77 2' - 3'	C	1			X							12.23.25	11:30	X	X	X
39	WS25-78 2' - 6.5'	C	1			X							12.23.25	11:35	X	X	X
40	WS25-79 2' - 6.5'	C	1			X							12.23.25	14:35	X	X	X

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Relinquished By:	Date: 12.29.25 Time: 1215	Received By: SRodRigguez	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: cdixon@vertexresource.com, jrewis@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
			REMARKS: Direct Bill to EOG Resources

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.3 Corrected Temp. °C 3.6	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) SR	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush ☒ Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.5°C #140 to 3.1 48 hr ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services (Direct Bill to EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources Inc.
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Drive
Project #: 25A-01241 Project Owner: EOG Resources Inc.	City: Midland
Project Name: Stark 5 Federal Com #701H	State: TX Zip: 79706
Project Location: Eddy County	Phone #: 575-703-6537
Sampler Name: J. Rewis	Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride
H257929 41	WS25-80 2' - 6.5'	C	1			X							12.23.25	14:45	X	X	X

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Relinquished By:	Date: 12.29.25 Time: 1215	Received By: SRodriguez	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address: cdixon@vertexresource.com jrewis@vertexresource.com, permian@vertexresource.com, aharris@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.3 Corrected Temp. °C 3.6	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) SR

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush ☐ Cool Intact Observed Temp. °C
Thermometer ID #113
Correction Factor -0.5 °C #140 10.3
48 hr
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CARDINAL Laboratories

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

January 07, 2026

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: STARK 5 FEDERAL COM #701H

Enclosed are the results of analyses for samples received by the laboratory on 01/06/26 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

VERTEX RESOURCE
CHANCE DIXON
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received:	01/06/2026	Sampling Date:	01/06/2026
Reported:	01/07/2026	Sampling Type:	Soil
Project Name:	STARK 5 FEDERAL COM #701H	Sampling Condition:	** (See Notes)
Project Number:	25A - 01241	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

Sample ID: BS25 - 268 3.5' (H260062-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/06/2026	ND	1.92	96.2	2.00	0.541	
Toluene*	<0.050	0.050	01/06/2026	ND	1.98	99.1	2.00	0.247	
Ethylbenzene*	<0.050	0.050	01/06/2026	ND	2.00	99.8	2.00	0.354	
Total Xylenes*	<0.150	0.150	01/06/2026	ND	5.93	98.8	6.00	0.521	
Total BTEX	<0.300	0.300	01/06/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	01/07/2026	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/07/2026	ND	181	90.4	200	0.688	
DRO >C10-C28*	<10.0	10.0	01/07/2026	ND	202	101	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	01/07/2026	ND					

Surrogate: 1-Chlorooctane *92.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.5 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex
Project Manager: Chance Dixon
Address: 3101 Boyd Dr
City: Carlsbad State: NM Zip: 88220
Phone #: 575/988/1472 Fax #:
Project #: 25A-01241 Project Owner: EOG
Project Name: Stark 5 Fed Com 701H
Project Location: Eddy County
Sampler Name: Austin Harris

BILL TO
P.O. #:
Company: EOG
Attn: Chase Settle
Address: 5509 Champions D
City: Midland
State: TX Zip: 79706
Phone #: 575-703-6537
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING DATE	SAMPLING TIME	BTEX 8021	TPH 8015 GRO/DRO/MRO	Chloride
~~H04~~ 002	BS25-268 3.5'	C	1			X					X		1/6/26	1300	X	X	X

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no labels

Relinquished By: Austin Harris Date: 1/6/26 Time: 1500 Received By: Rod Rigney
Relinquished By: Date: Time: Received By:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 10.0 Corrected Temp. °C ~~10.3~~ 10.1
Sample Condition Cool: Yes / No Intact: ~~Yes~~ / No
CHECKED BY: (Initials) SR

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
REMARKS: CC: cdixon@vertexresource.com
Permian@vertexresource.com charris@vertexresource.com
Turnaround Time: Standard ☐ Rush ☑ 24HR
Thermometer ID #140 Correction Factor ~~+0.3°C~~ +0.1°C
Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No
Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.6 02/12/25

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Received by OCD: 1/13/2026 6:24:50 PM
Released to Imaging: 2/11/2026 1:58:40 PM

From: Chance Dixon
To: Wells, Shelly, EMNRD
Subject: [EXTERNAL] Re: nAPP2515532575 STARK 5 FEDERAL COM #701H
Date: Wednesday, February 11, 2026 1:48:02 PM

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

Hi Shelly,

Yes, those are the same sample points. The field guys used the .1, .2, etc. to keep track of each time the walls were stepped out. But later we determined that the maps would look too messy if we included a point for each individual sample obtained. I didn't think to revise the nomenclature on the lab reports.

Hope this clears it up.

Chance

Get Outlook for iOS

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Wednesday, February 11, 2026 1:37:07 PM
To: Chance Dixon <cdixon@vertexresource.com>
Subject: nAPP2515532575 STARK 5 FEDERAL COM #701H

> **Caution:** This email is from an external sender. Please take care when clicking links or opening attachments. When in doubt, contact your IT Department

Hi Chance,

I am reviewing the remediation closure report submitted for nAPP2515532575 STARK 5 FEDERAL COM #701H and have a question regarding samples WS25-13.1 and 11.1. On Table 3, there is only WS25-13 and WS25-11. Are these those same samples? Is there a reason the .1 was added when describing them?

I look forward to hearing back from you when you get the opportunity,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division

1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

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

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 542874
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2515532575**
Incident Name	**NAPP2515532575 STARK 5 FEDERAL COM #701H @ 30-015-48307**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-015-48307] STARK 5 FEDERAL COM #701H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	STARK 5 FEDERAL COM #701H
Date Release Discovered	03/15/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Other | Tank (Any) | Produced Water | Released: 100 BBL | Recovered: 0 BBL | Lost: 100 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)	Original field reporting indicated a release of 4 bbls due to high winds causing liner damage to the AST. Site assessment and delineation lead to the calculation of the release volume being 100 bbls.

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 (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 542874
	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	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@eogresources.com Date: 01/13/2026

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

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 542874
	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 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
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 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	8160
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	51
GRO+DRO	(EPA SW-846 Method 8015M)	51
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		07/04/2025
On what date will (or did) the final sampling or liner inspection occur		07/04/2025
On what date will (or was) the remediation complete(d)		09/04/2025
What is the estimated surface area (in square feet) that will be reclaimed		57569
What is the estimated volume (in cubic yards) that will be reclaimed		7611
What is the estimated surface area (in square feet) that will be remediated		57569
What is the estimated volume (in cubic yards) that will be remediated		7611
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 (continued)

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	Action Number: 542874
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112342028 LEA LAND LANDFILL
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
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@eogresources.com Date: 01/13/2026
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 (continued)

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	Action Number: 542874
	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 (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 542874
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**539598**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**01/06/2026**
What was the (estimated) number of samples that were to be gathered	**1**
What was the sampling surface area in square feet	**200**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	64237
What was the total volume (cubic yards) remediated	9435
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	64237
What was the total volume (in cubic yards) reclaimed	9435
Summarize any additional remediation activities not included by answers (above)	Full remediation details can be found in the attached report.

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

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

I hereby agree and sign off to the above statement	Name: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@eogresources.com Date: 01/13/2026

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QUESTIONS (continued)

Operator:	OGRID:
EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	7377
	Action Number: 542874
	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 542874

CONDITIONS

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	Action Number: 542874
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	2/11/2026