Incident Number: nAPP2515337712

Release Assessment and Closure

Padron 10 State Com CTB AST

Section 02, Township 25 South, Range 27 East

County: Eddy

Vertex File Number: 25A-03091

Prepared for:
EOG Resources, Inc.

Prepared by:
Vertex Resource Services Inc.

Date:
December 2025

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Release Assessment and Closure
Padron 10 State Com CTB AST
Section 02, Township 25 South, Range 27 East
County: Eddy

Prepared for:
EOG Resources, Inc.
5509 Champions Drive.
Midland, Texas 79706

New Mexico Oil Conservation Division
508 West Texas Avenue
Artesia, New Mexico 88210

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

John Rewis

John Rewis, B.Sc.
ENVIRONMENTAL TECHINICIAN, REPORTING

December 23, 2025
Date

Chance Dixon, B.Sc.
PROJECT MANAGER, REPORT REVIEW

December 23, 2025
Date

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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 June 01, 2025, at Padron 10 State Com CTB AST (hereafter referred to as the "site"). A notification of release was reported to the New Mexico Oil Conservation Division (NMOCD) on June 02, 2025. A C-141 application for a remediation plan was submitted to NMOCD on August 29, 2025, and was granted approval on September 26, 2025. Incident ID number nAPP2515337712 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 Remediation Closure Report to obtain approval from NMOCD for closure of this release, with the understanding that full reclamation of the release site will be completed following decommission of all oil and gas activities and reclamation of the pad as per NMAC 19.15.29.13.

2.0 Incident Description

The release occurred on June 1, 2025, due to valve corrosion near the Above-Ground Storage Tank (AST). The incident involved the release of approximately 65 barrels (bbl.) of produced water being discharged onto the facility pad and into the pasture north of the pad. Approximately 25 bbl. of free fluid was removed during initial clean-up. Additional details relevant to the release are presented in the C-141 Report.

3.0 Site Characteristics

The site is located approximately 7.2 miles Southwest of Malaga, New Mexico. The legal location for the site is Section 02, Township 25 South and Range 27 East in Eddy County, New Mexico. The release area is located on State 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 in the pasture on or in proximity to the constructed pad (Figure 2).

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2025) indicates the site's surface geology primarily comprises Pr – Rustler Formation (Permian), and the soil at the site is characterized as Gypsum land-Cottonwood complex and Reeves-Reagan loams (United States Department of Agriculture, Natural Resources Conservation Service, 2025). Additional soil characteristics include a drainage class of well drained with a low runoff class. The karst geology potential for the site is High (United States Department of the Interior, Bureau of Land Management, 2018).

The surrounding landscape is associated with uplands landforms, mainly on hill slopes, ridges, plains, terraces and some fan remnants. Elevations range between 2,842 to 5,000 feet. The climate is semiarid with average annual precipitation ranging between 8 to 14 inches. Using information from the United States Department of Agriculture, the dominant

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vegetation was determined to be tobosa, black grama and blue grama. Grasses with shrubs and half-shrubs dominate the historical plant community (United States Department of Agriculture, Natural 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 depth to groundwater reference is a monitoring well that was established by EOG Resources Inc. approximately 0.48 miles from the site. It was recorded as a dry hole 75 feet below ground surface (bgs).

There is no surface water present at the site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is a riverine located approximately 0.75 miles northeast 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 or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. Closure criteria research documentation is included in Appendix A.

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Table 1. Closure Criteria Determination			
Site Name: Padron 10 State Com CTB AST			
Spill Coordinates: 32.159223, -104.168669		**X: 578388.86**	**Y: 3558387.30**
Site Specific Conditions		**Value**	**Unit**
1	Depth to Groundwater (nearest reference)	**>75**	feet
	Distance between release and nearest DTGW reference	**2,534**	feet
		0.48	miles
	Date of nearest DTGW reference measurement	**May 31, 2025**	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	3,949	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	29,261	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	22,861	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**	4,032	feet
	ii) Within 1000 feet of any fresh water well or spring	4,032	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	14,507	feet
8	Within the area overlying a subsurface mine	No	feet
	Distance between release and nearest registered mine	**113,104**	feet
9	Within an unstable area (Karst Map)	**High**	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)	**3,288**	feet
11	Soil Type	Loams	
12	Ecological Classification	Loamy	
13	Geology	Pr	
	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

DTGW – depth to groundwater
TDS – total dissolved solids
TPH – total petroleum hydrocarbons, GRO – gas range organics, DRO – diesel range organics, MRO – motor oil range organics
BTEX – benzene, toluene, ethylbenzene and xylenes

5.0 Remedial Actions Taken

Delineation of the release area was completed on June 25, 2025, which identified the area of the release specified in the initial C-141 Report and estimated the approximate volume of the release. The impacted area was determined to be approximately 80,106 square feet. Documentation of all delineation activities is included in the approved remediation plan.

Remediation efforts began on September 30, 2025, and were finalized on November 13, 2025. Vertex personnel supervised the excavation of impacted soils. Field screening was completed with a total of 531 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 (chlorides). Soils were removed to a depth of 1 to 8 feet bgs to determine if any exceedances remained via composite sampling. Vertical delineation for BH25-28 could not be obtained during characterization; however, the location was excavated to a depth of 7 feet bgs, and confirmation samples were collected in 200 square feet increments. All analytical results within the 7ft bgs excavation met the applicable closure criteria for sites with depth to ground water less than 50 feet bgs. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. A Daily Field Report documenting final remediation before the backfill is presented in Appendix B.

Samples were submitted to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, and Eurofins Environmental Testing in Albuquerque, New Mexico, under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Laboratory results are presented in Table 3, and the laboratory data reports are included in Appendix C. All confirmatory samples collected and analyzed were below closure criteria for the site.

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6.0 Remediation Closure Request

The release area was fully delineated, remediated, and backfilled with clean locally sourced soil. The pad was reconstructed and packed for any future oil equipment. 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 location "less than 50 feet to groundwater". Based on these findings EOG Resources Inc. requests that this remediation closure be approved.

7.0 Land Reclamation

The Land Reclamation for the site (surface reclamation) is detailed below. This section outlines the principles that were used during the surface reclamation phase for the site. The boundaries of the reclamation area matched the area depicted in Figure 2. The Daily Site Visit Report detailing seeding is provided in Appendix B.

7.1 End Land Use and Capability

The land use surrounding the site is defined as natural; therefore, the end land use would be natural land. A natural area is described as: away from human habitation and activities, where the primary concern is the protection of ecological receptors. The site was reclaimed so that the capability of the land matches that of the areas immediately surrounding the site, which consists of rangeland.

7.2 Soil Replacement

Surface reclamation included determination of background topsoil depth as site conditions are required to meet pre-existing conditions. Reclamation of the location was completed after backfill operations. Clean, locally sourced topsoil and caliche were imported to the site to backfill the excavation (Table 3). The entire reclamation area was fenced with a 4-strand barbed wire fence.

7.3 Restoration of Drainage

Currently, the site consists of a mostly-level pasture area. The site was contoured to match the surrounding topography as near as practicable to restore natural drainage. Any compaction on-site was addressed by de-compaction to an approximate depth of 12 inches. All de-compaction activities were conducted post-backfill procedures and pre-seeding to maximize seed to soil contact and promote vegetation establishment.

7.4 Erosion Control

There are currently no erosion concerns on-site, and the use of erosion control devices at this location is not anticipated; however, erosion control devices will be installed at the discretion of the on-site environmental inspector.

7.5 Re-vegetation

7.5.1 Seeding

A seed mix suitable for the site and surrounding area was used and applied at appropriate rates on December 23, 2025. Seed establishment and re-vegetation will be monitored, bi-annually, to determine success. An NMSLO loamy seed mix consisting of Sideoats grama – 4.0 lb/acre, Blue grama – 1 lb/acre, Black grama – 1 lb/acre, Sand dropseed – 2 lb/acre,

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Alkali sacaton – 1 lb/acre, and Little bluestem 1.5 lb/acre was obtained for the site and administered by Vertex personnel. Seeding was completed using a tractor with rotating discs and broadcasted on all areas under reclamation. The rotating discs also ripped the site from east to west for erosion control as the site is sloped from south to north. Photograph documentation of the excavation area after backfilling and seeding was completed is included in Appendix B.

7.6 Weed Management

The pasture will be monitored for vegetative growth throughout the year. Should noxious vegetation be identified on-site, a control program will be implemented and managed as required.

Weed management programs will identify weed species of concern and utilize effective control methods. These methods include but are not limited to chemical (herbicide) control, mechanical (mowing) control or biological control as approved by governing regulatory agencies.

8.0 Monitoring Program

Tri-annual inspections will be conducted during the growing season, to monitor site progression of the pasture and assess the need for additional best management practices (BMPs). Inspections will include photographs of the site and BMPs will be implemented.

9.0 Final Summary

Reclamation of the off-pad portion of the release has been completed. Reclamation of the on-pad portion of the release area will be completed at the same time all oil and gas activities/equipment are decommissioned and the pad is reclaimed. The final revegetation report will be documented once the full release area has reached 100% reclamation. The report will provide a summary of the vegetation establishment, a summary and interpretation of monitoring data collected, interpretation of historical monitoring data, and suggested corrective actions if applicable.

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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10.0 References

Google Inc. (2025). *Google Earth Pro (Version 7.3.3)* [Software]. Retrieved from https://earth.google.com

New Mexico Bureau of Geology and Mineral Resources. (2025). *Interactive Geologic Map*. Retrieved from https://maps.nmt.edu/

New Mexico Department of Surface Water Quality Bureau. (2025). *Assessed and Impaired Waters of New Mexico*. Retrieved from https://gis.web.env.nm.gov/oem/?map=swqb

New Mexico Energy, Minerals and Natural Resources Department. (2025). *OCD Permitting - Spill Search*. Retrieved from https://wwwapps.emnrd.nm.gov/ocd/ocdpermitting/Data/Spills/Spills.aspx

New Mexico Mining and Minerals Division. (2025). *Coal Mine Resources in New Mexico*. Retrieved from https://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=5f80f3b0faa545e58fe747cc7b037a93

New Mexico Office of the State Engineer. (2025a). *Point of Diversion Location Report - New Mexico Water Rights Reporting System*. Retrieved from http://nmwrrs.ose.state.nm.us/nmwrrs/wellSurfaceDiversion.html

New Mexico Office of the State Engineer. (2025b). *Water Column/Average Depth to Water Report - New Mexico Water Rights Reporting System*. Retrieved from http://nmwrrs.ose.state.nm.us/nmwrrs/waterColumn.html

New Mexico Office of the State Engineer. (2025c). *Well Log/Meter Information Report - New Mexico Water Rights Reporting System*. Retrieved from http://nmwrrs.ose.state.nm.us/nmwrrs/meterReport.html

New Mexico Oil Conservation Division. (2018). *New Mexico Administrative Code – Natural Resources and Wildlife Oil and Gas Releases*. Santa Fe, New Mexico.

United States Department of Agriculture, Natural Resources Conservation Service. (2025). *Web Soil Survey*. Retrieved from https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

United States Department of Homeland Security, Federal Emergency Management Agency. (2025). *FEMA Flood Map Service: Search by Address*. Retrieved from https://msc.fema.gov/portal/search?AddressQuery=malaga%20new%20mexico#searchresultsanchor

United States Department of the Interior, Bureau of Land Management. (2018). *New Mexico Cave/Karst*. Retrieved from https://www.nm.blm.gov/shapeFiles/cfo/carlsbad_spatial_data.html

United States Fish and Wildlife Service. (2025). *National Wetland Inventory - Surface Waters and Wetlands*. Retrieved from https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/

United States Geological Survey. (2025). *National Water Information System: Web Interface*. Retrieved from https://waterdata.usgs.gov/nwis

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11.0 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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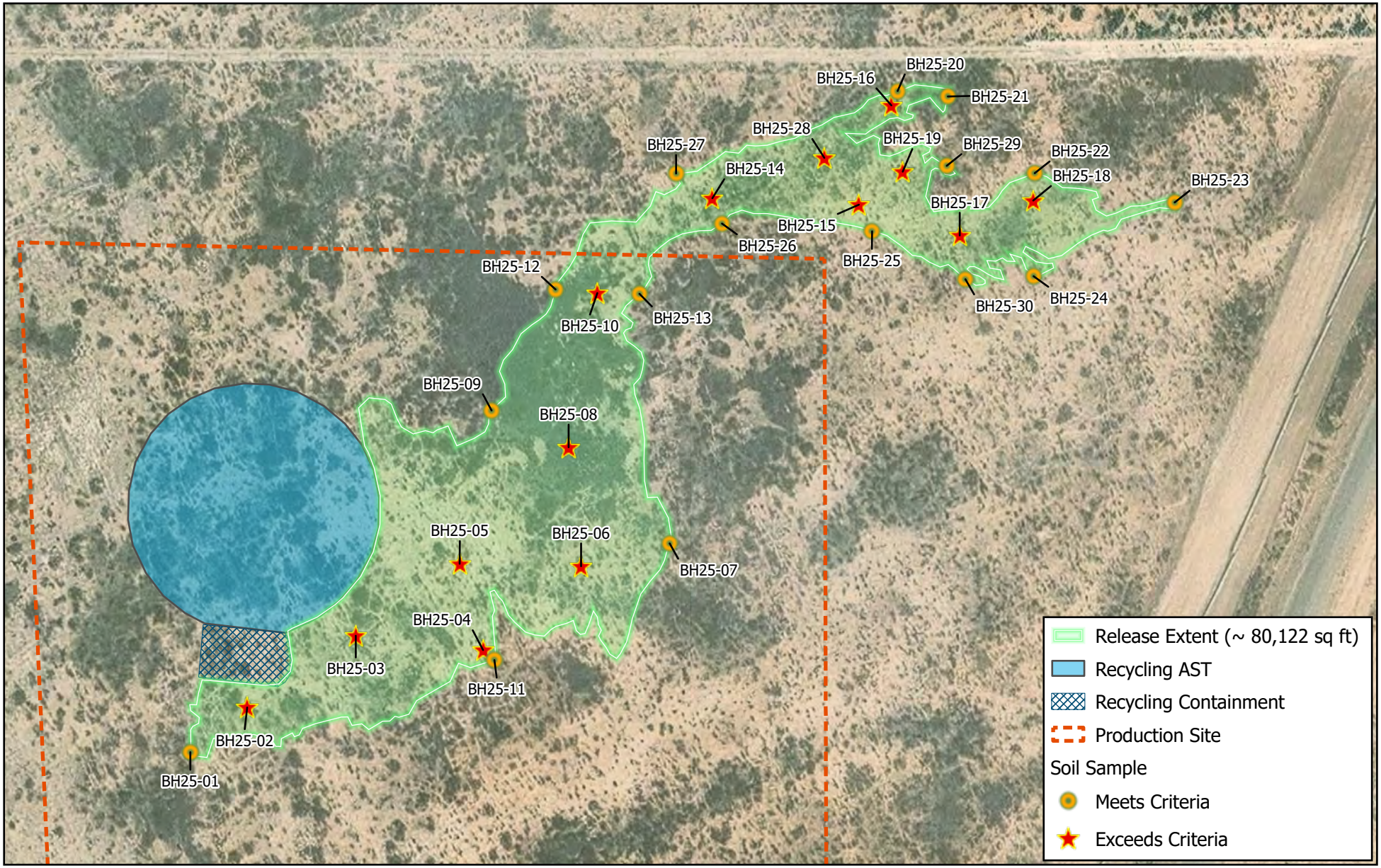
FIGURES



VERTEX

Map Center:
Lat/Long: 32.159836°N, 104.167626°W

0 75 150 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Date: Jul 02/25

N

Characterization Sampling Site Schematic
Pardon 10 State Com CTB AST

FIGURE: 1

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

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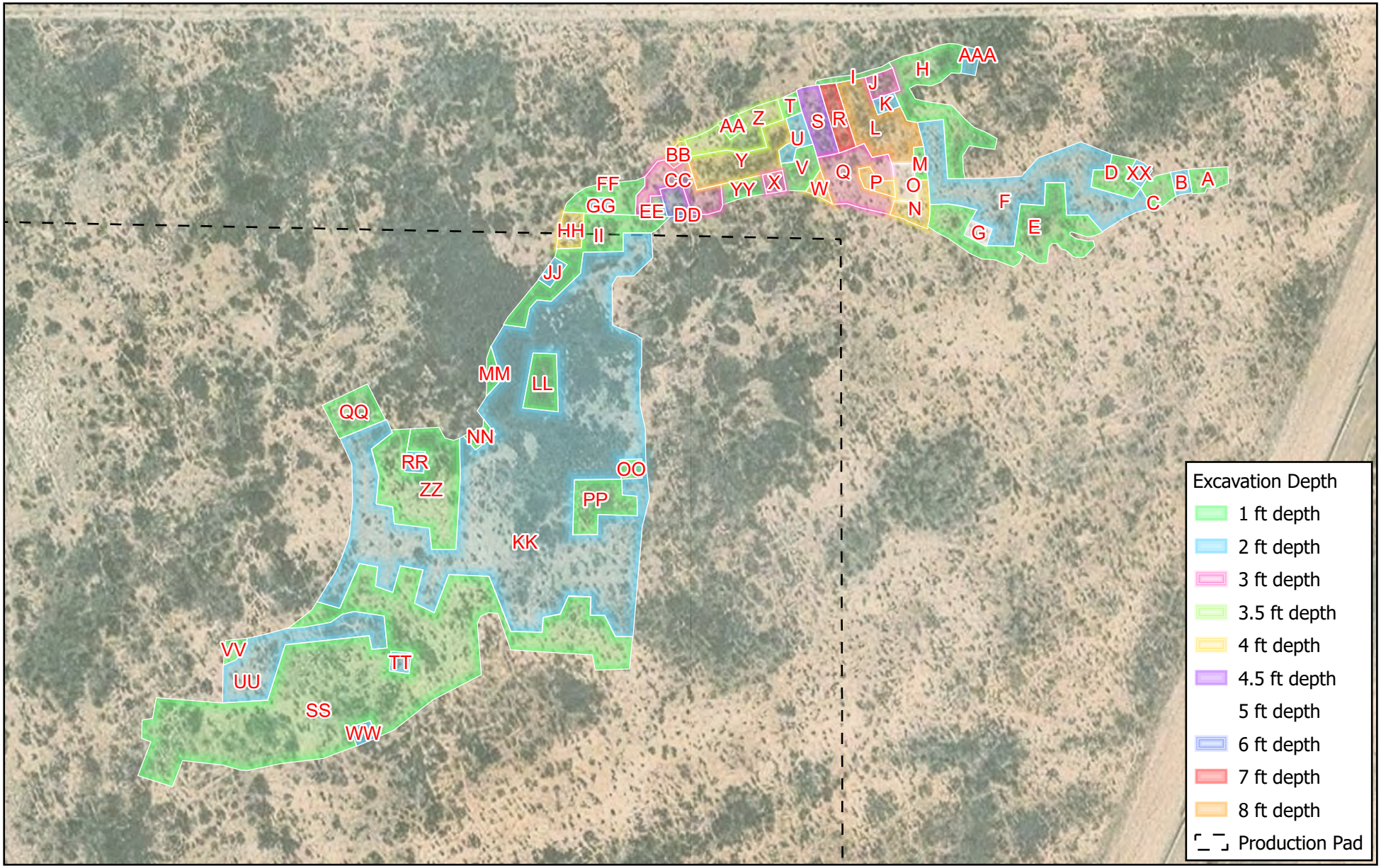

VERTEX

0 50 100 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.159826°N, 104.167638°W

Date: Dec 07/25

N

Excavation Depth Schematic
Pardon AST

FIGURE:
2

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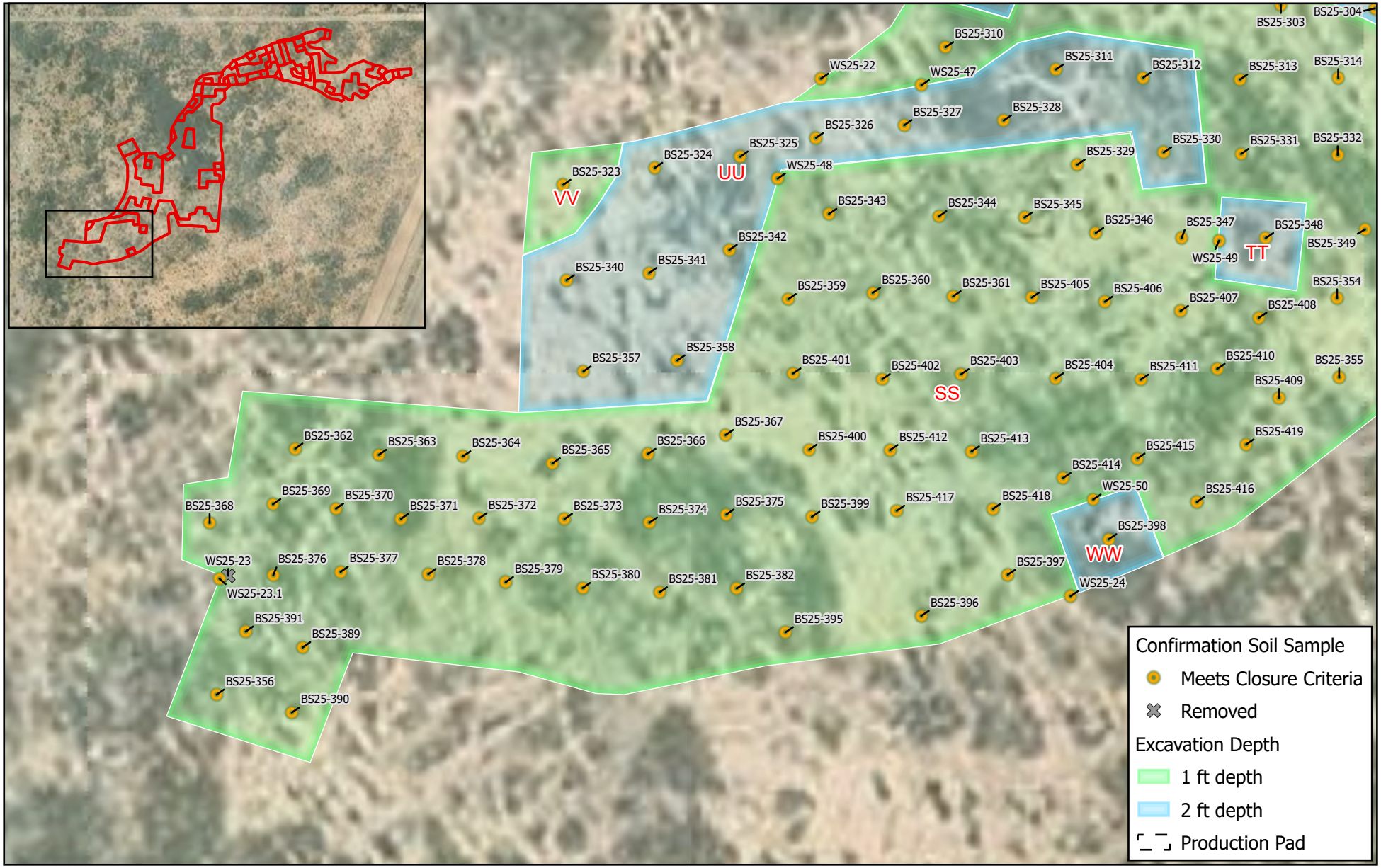

VERTEX

Map Center:
Lat/Long: 32.159304°N, 104.168596°W

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Date: Dec 07/25

N

Confirmation Sampling Site Schematic
Pardon 10 State Com CTB AST

FIGURE:
3a

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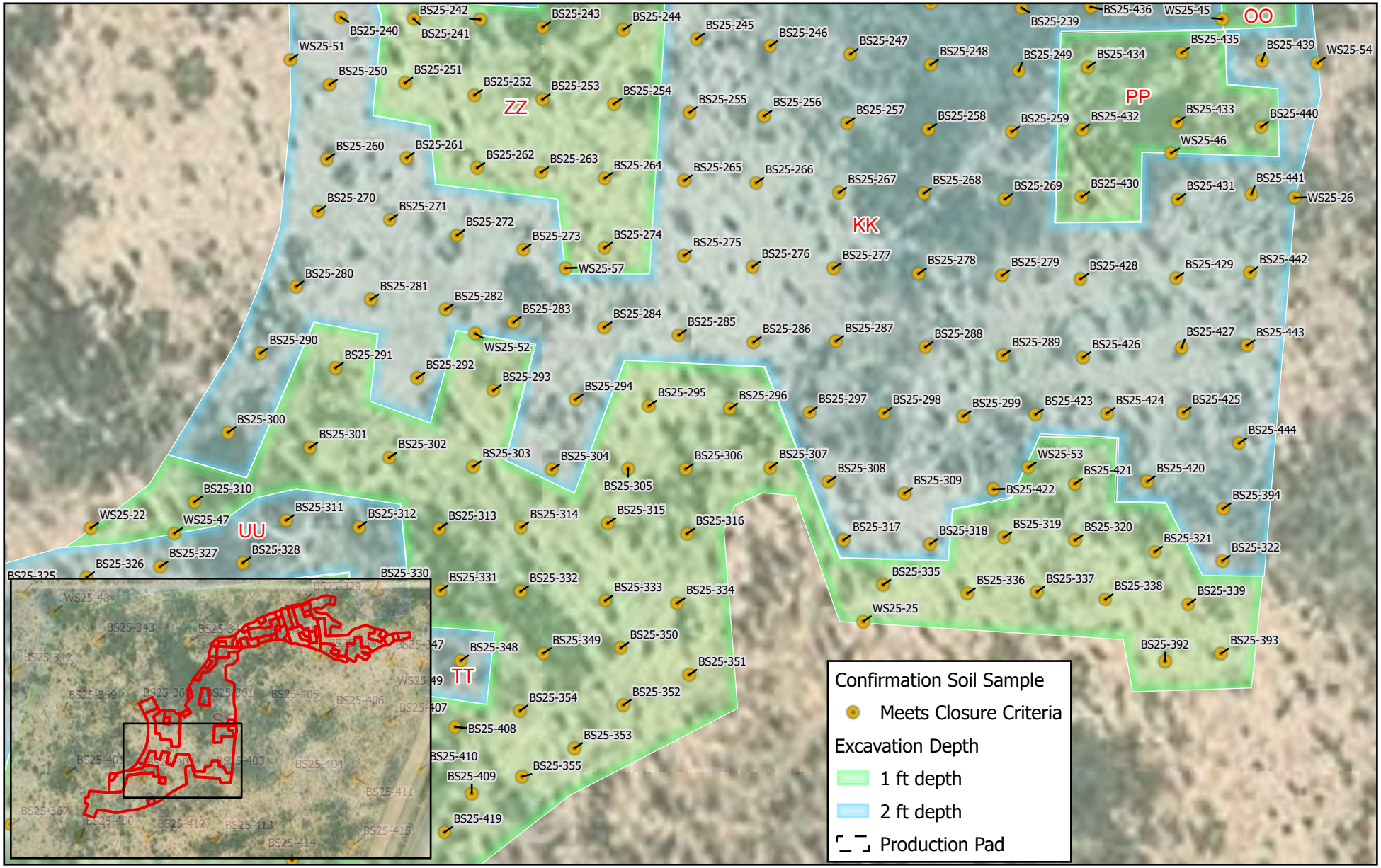

VERTEX

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.159518°N, 104.168138°W

Date: Dec 07/25

N

Confirmation Sampling Site Schematic
Pardon 10 State Com CTB AST

FIGURE:
3b

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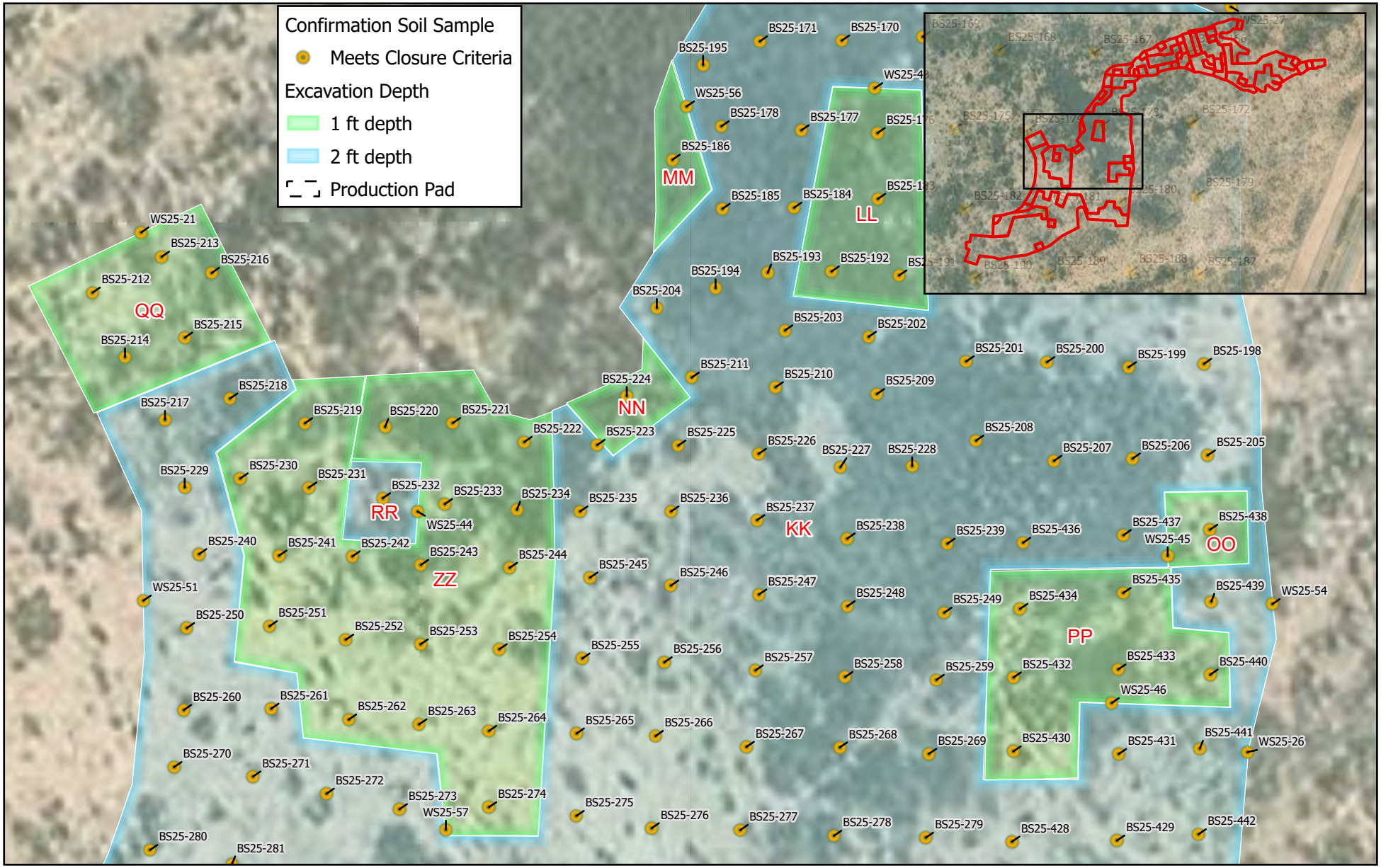

VERTEX

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.159807°N, 104.168074°W

Date: Dec 07/25

N

Confirmation Sampling Site Schematic
Pardon 10 State Com CTB AST

FIGURE:
3c

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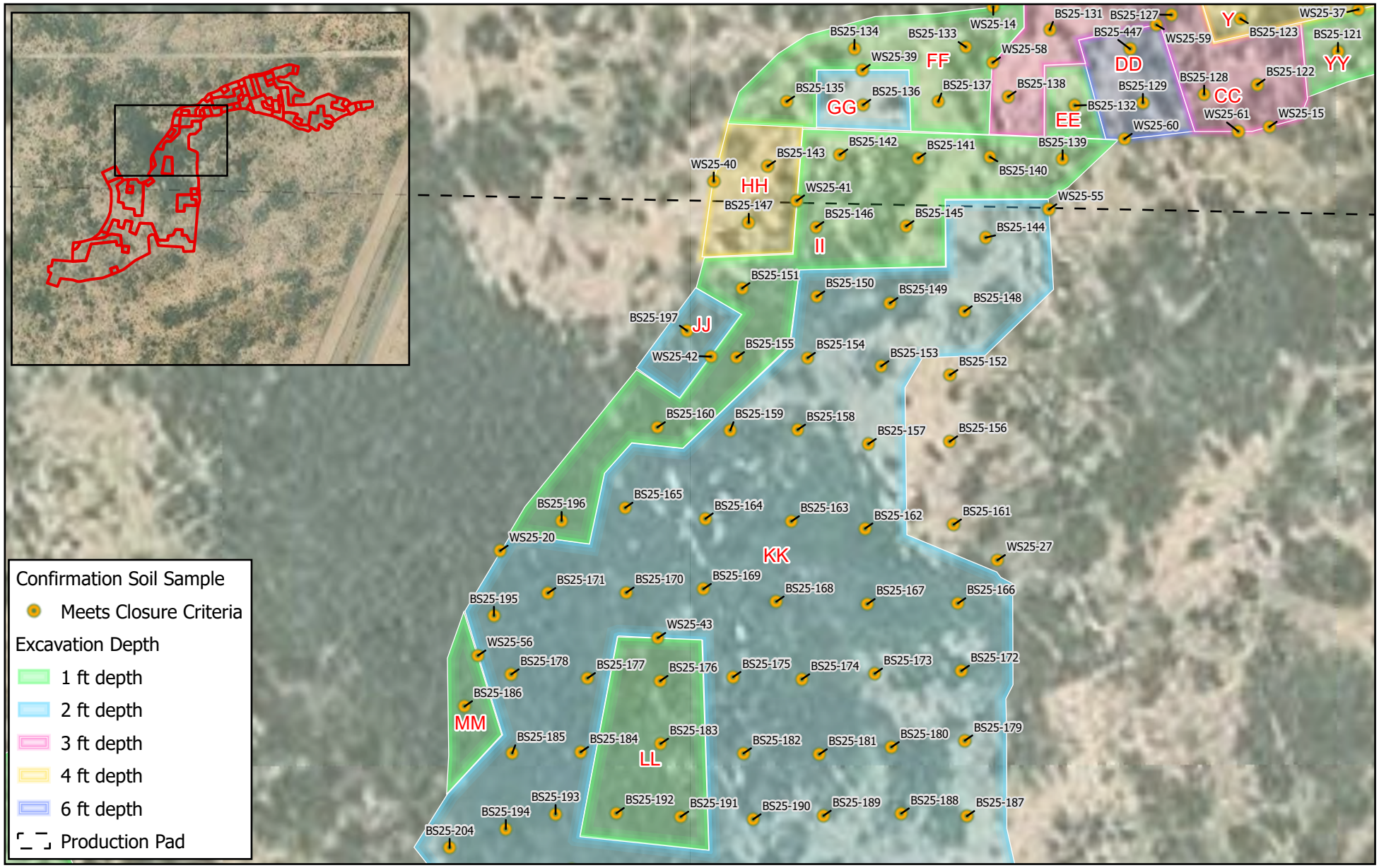

VERTEX

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.160087°N, 104.167946°W

Date: Dec 07/25

N

Confirmation Sampling Site Schematic
Pardon 10 State Com CTB AST

FIGURE:
3d

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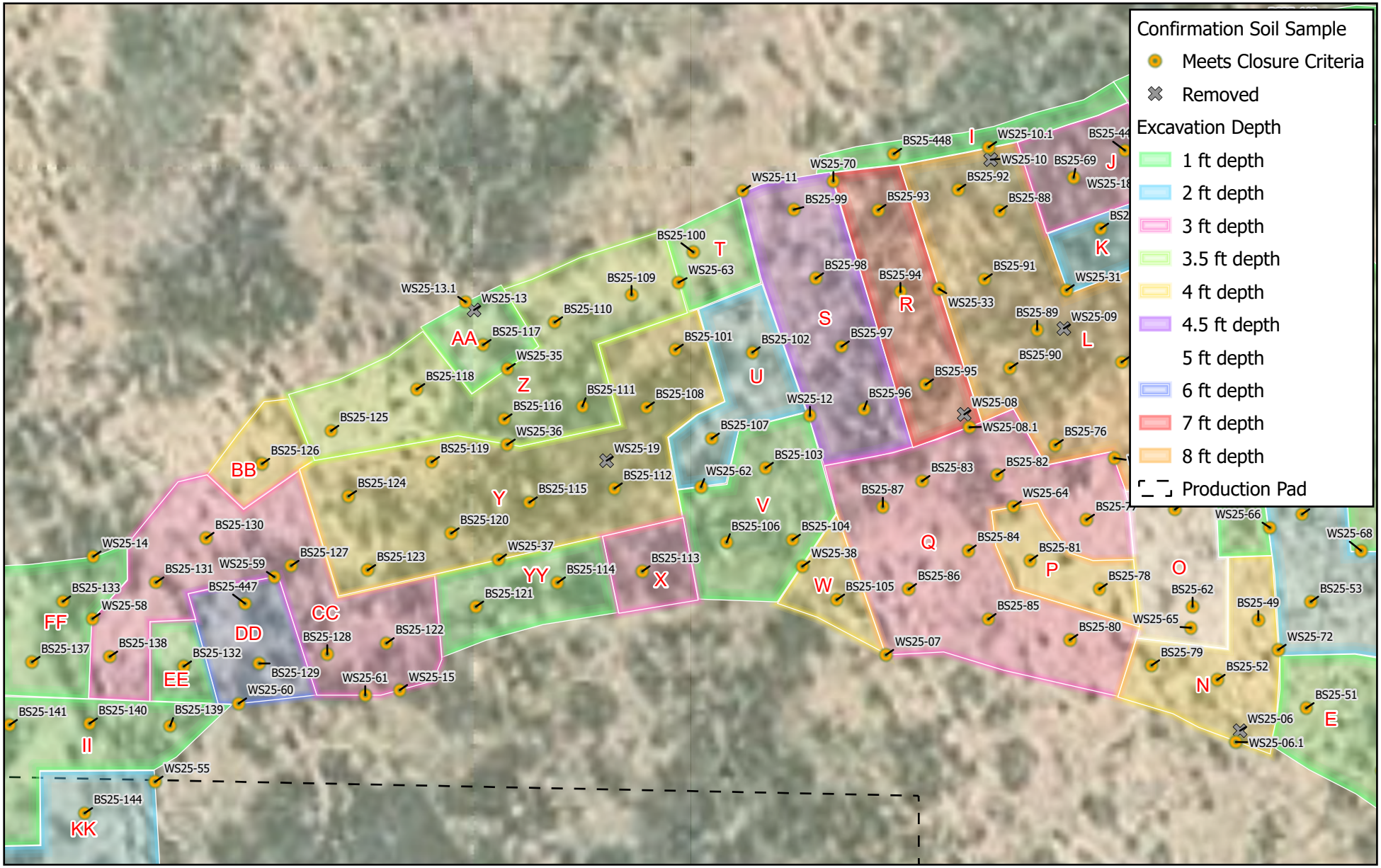

VERTEX

Map Center:
Lat/Long: 32.160369°N, 104.167427°W

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Date: Dec 07/25

N

Confirmation Sampling Site Schematic
Pardon 10 State Com CTB AST

FIGURE:
3e

eog resources

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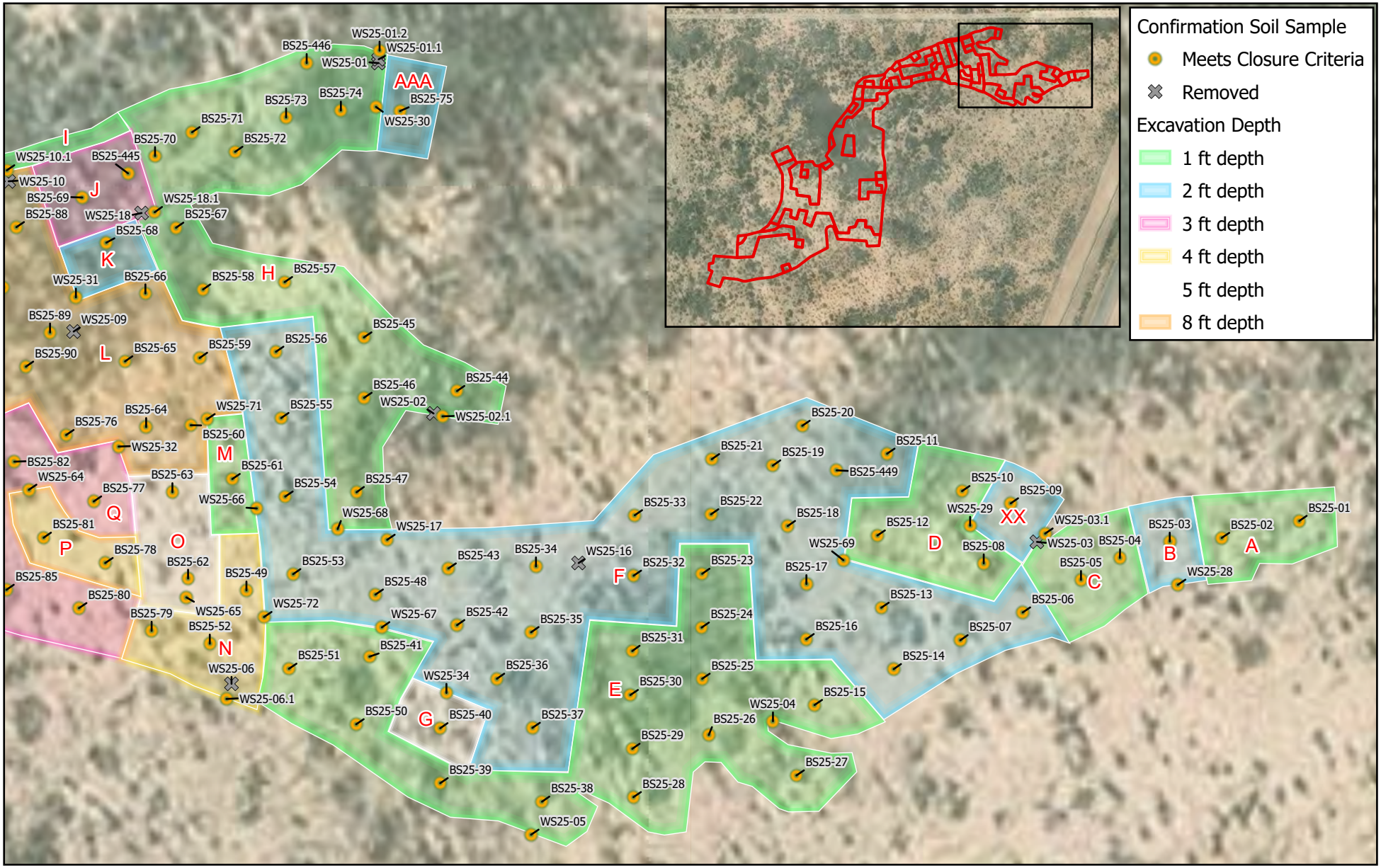

VERTEX

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.160363°N, 104.166834°W

Date: Dec 07/25

N

Confirmation Sampling Site Schematic
Pardon 10 State Com CTB AST

FIGURE:
3f

eog resources

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

VERSATILITY. EXPERTISE.

TABLES

Client Name: EOG Resources, Inc.
Site Name: Padron 10 State Com CTB AST
NMOCD Tracking #: nAPP2515337712
Project #: 25A-03091
Lab Report: H253485 , H253848

Table 3. Initial Characterization Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater <50 Feet bgs							
BH24-01	0	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	128
	2	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	16
BH25-02	0	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	**1,680**
	2	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	544
	4	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	464
BH25-03	0	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	**6,800**
	2	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	80
	4	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	64
BH25-04	0	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	**1,330**
	2	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	80
BH25-05	0	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	**7,200**
	2	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	176
	4	June 9, 2025	ND	ND	ND	ND	ND	ND	ND	80
BH25-06	0	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	**5,200**
	2	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	400
	4	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	128
BH25-07	0	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	112
	2	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	64
BH25-08	0	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	**9,520**
	2	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	160
	4	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	16
BH25-09	0	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	144
	2	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	16
BH25-10	0	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	**3,440**
	2	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	32
	4	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	128
BH25-11	0	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	80
	2	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	32
BH25-12	0	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	80
	2	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	32
BH25-13	0	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	128
	2	June 10, 2025	ND	ND	ND	ND	ND	ND	ND	16
BH25-14	0	June 23, 2025	-	-	-	-	-	-	-	-
	2	June 23, 2025	ND	ND	ND	ND	ND	ND	ND	304
	4	June 23, 2025	-	-	-	-	-	-	-	-

Client Name: EOG Resources, Inc.
Site Name: Padron 10 State Com CTB AST
NMOCD Tracking #: nAPP2515337712
Project #: 25A-03091
Lab Report: H253485 , H253848

Table 3. Initial Characterization Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater <50 Feet bgs							
BH25-15	0	June 23, 2025	-	-	-	-	-	-	-	-
	2	June 23, 2025	-	-	-	-	-	-	-	-
	4	June 23, 2025	ND	ND	ND	ND	ND	ND	ND	256
BH25-16	0	June 23, 2025	-	-	-	-	-	-	-	-
	2	June 23, 2025	ND	ND	ND	ND	ND	ND	ND	128
	4	June 23, 2025	-	-	-	-	-	-	-	-
BH25-17	0	June 23, 2025	-	-	-	-	-	-	-	-
	2	June 23, 2025	ND	ND	ND	ND	ND	ND	ND	160
	4	June 23, 2025	-	-	-	-	-	-	-	-
BH25-18	0	June 24, 2025	-	-	-	-	-	-	-	-
	2	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	160
	4	June 24, 2025	-	-	-	-	-	-	-	-
BH25-19	0	June 24, 2025	-	-	-	-	-	-	-	-
	2	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	240
	4	June 24, 2025	-	-	-	-	-	-	-	-
BH25-20	0	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	64
BH25-21	0	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	32
	2	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	32
BH25-22	0	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	80
	2	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	48
BH25-23	0	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	32
	2	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	48
BH25-24	0	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	32
	2	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	224
BH25-25	0	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	32
	2	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	96
BH25-26	0	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	32
	2	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	48
BH25-27	0	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	32
	2	June 24, 2025	ND	ND	ND	ND	ND	ND	ND	80
BH25-28	0	June 25, 2025	-	-	-	-	-	-	-	-
	2	June 25, 2025	-	-	-	-	-	-	-	-
	4	June 25, 2025	ND	ND	ND	ND	ND	ND	ND	**976**

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Table 3. Initial Characterization Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater <50 Feet bgs							
BH25-29	0	June 25, 2025	ND	ND	ND	ND	ND	ND	ND	32
	2	June 25, 2025	ND	ND	ND	ND	ND	ND	ND	16
BH25-30	0	June 25, 2025	ND	ND	ND	ND	ND	ND	ND	32
	2	June 25, 2025	ND	ND	ND	ND	ND	ND	ND	16

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Bold and grey shaded indicates exceedance outside of NMOCD Closure Criteria (on-pad)
Bold and green shaded indicates exceedance outside of NMOCD Reclamation Criteria (off-pad)

Client Name: EOG Resources, Inc.
Site Name: Padron 10 State Com CTB AST
NMOCD Tracking #: nAPP2515337712
Project #: 25A-03091
Lab Reports: H256215, H256267, H256397, H256398, H256426, H256596 ,H256684REV, H256762, 885--36939-1,885-37135-1, 885-37191-885-37630-1, H256850REV, H256905, H256906, H257215, H257216

Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
Base Samples										
BS25-01	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	320
BS25-02	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	496
BS25-03	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**672**
	2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-04	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-05	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	512
BS25-06	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**1,020**
	2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	16
BS25-07	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**720**
	2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-08	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	320
BS25-09	2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-10	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	368
BS25-11	2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-12	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-13	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**800**
	2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-14	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**864**
	2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-15	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-16	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**896**
	2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-17	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**720**
	2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-18	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**688**
	2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-19	2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	336
BS25-20	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**736**
	2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-21	2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	304
BS25-22	2	October 15, 2025	ND	ND	ND	ND	ND	NF	ND	80
BS25-23	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	560
BS25-24	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-25	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-26	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	288
BS25-27	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-28	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-29	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-30	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	304
BS25-31	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-32	2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	32

VERTEX

Client Name: EOG Resources, Inc.
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NMOCD Tracking #: nAPP2515337712
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Lab Reports: H256215, H256267, H256397, H256398, H256426, H256596 ,H256684REV, H256762, 885--36939-1,885-37135-1, 885-37191-885-37630-1, H256850REV, H256905, H256906, H257215, H257216

Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
BS25-33	1	October 2, 2025	-	-	-	-	-	-	-	-
	2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-34	2	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	**656**
	2.5	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	100
BS25-35	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**640**
	2	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-36	2	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	320
BS25-37	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**736**
	2	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-38	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-39	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	512
BS25-40	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**736**
	3	October 24, 2025	ND	ND	ND	ND	ND	ND	ND	**624**
	5	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	19
BS25-41	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	352
BS25-42	2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	288
BS25-43	2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-44	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	416
BS25-45	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-46	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	480
BS25-47	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	464
BS25-48	2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	480
BS25-49	4	October 22, 2025	ND	ND	ND	ND	ND	ND	ND	288
BS25-50	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	416
BS25-51	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	544
BS25-52	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**672**
	4	October 22, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-53	2	October 20, 2025	ND	ND	ND	ND	ND	ND	ND	400
BS25-54	2	October 20, 2025	ND	ND	ND	ND	ND	ND	ND	496
BS25-55	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**784**
	2	October 22, 2025	ND	ND	ND	ND	ND	ND	ND	432
BS25-56	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**608**
	2	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-57	1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-58	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	336
BS25-59	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,380**
	8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	17
BS25-60	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**928**
	8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-61	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	208

Client Name: EOG Resources, Inc.
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Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
BS25-62	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,070**
	4	October 22, 2025	ND	ND	ND	ND	ND	ND	ND	**624**
	5	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	340
BS25-63	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**944**
	4	October 22, 2025	ND	ND	ND	ND	ND	ND	ND	**800**
	5	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-64	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**960**
	8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-65	8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	12
BS25-66	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**800**
	8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	17
BS25-67	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	416
BS25-68	2	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	592
BS25-69	2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	**672**
	3	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	340
BS25-70	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-71	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**704**
	1.5	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	180
BS25-72	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-73	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	544
BS25-74	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-75	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**912**
	2	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	288
BS25-76	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**688**
	8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	16
BS25-77	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	432
BS25-78	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**656**
	3.5	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	12
BS25-79	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	160
	4	October 22, 2025	ND	ND	ND	ND	ND	ND	ND	**704**
	4.5	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	26
BS25-80	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	352
BS25-81	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**768**
	4	October 22, 2025	ND	ND	ND	ND	ND	ND	ND	544
BS25-82	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	432
BS25-83	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-84	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-85	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	208
BS25-86	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-87	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	64

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Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
BS25-88	4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,120**
	7	October 24, 2025	ND	ND	ND	ND	ND	ND	ND	**848**
	8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	91
BS25-89	4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,150**
	7	October 22, 2025	ND	ND	ND	ND	ND	ND	ND	**848**
	8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	14
BS25-90	4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,010**
	7	October 22, 2025	ND	ND	ND	ND	ND	ND	ND	**880**
	8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-91	4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**736**
	5.5	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	**704**
	8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	20
BS25-92	4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**880**
	5.5	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	**992**
	8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	11
BS25-93	4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**608**
	5.5	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	**816**
	7	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	**630**
	7.25	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	288
BS25-94	4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**736**
	5.5	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	**720**
	7	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	**670**
	7.25	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	288
BS25-95	4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**864**
	5.5	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	**768**
	7	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	**640**
	7.25	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-96	4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	480
BS25-97	4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	464
BS25-98	4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	384
BS25-99	4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-100	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-101	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,360**
	4	October 20, 2025	ND	ND	ND	ND	ND	ND	ND	384
BS25-102	2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-103	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	464
BS25-104	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	384
BS25-105	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**688**
	4	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	300
BS25-106	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	464
BS25-107	2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	368

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Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
BS25-108	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**896**
	4	October 24, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-109	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**880**
	3	October 22, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-110	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,200**
	3	October 20, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-111	2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	**752**
	3	October 20, 2025	ND	ND	ND	ND	ND	ND	ND	528
BS25-112	4	October 24, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-113	3	October 20, 2025	ND	ND	ND	ND	ND	ND	ND	368
BS25-114	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	400
BS25-115	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,220**
	4	October 24, 2025	ND	ND	ND	ND	ND	ND	ND	304
BS25-116	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,230**
	3	October 20, 2025	ND	ND	ND	ND	ND	ND	ND	**768**
	3.5	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	16
BS25-117	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	320
BS25-118	3	October 20, 2025	ND	ND	ND	ND	ND	ND	ND	304
BS25-119	4	October 24, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-120	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**912**
	4	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	21
BS25-121	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-122	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**624**
	3	October 22, 2025	ND	ND	ND	ND	ND	ND	ND	**768**
	3.5	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	14
BS25-123	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,280**
	4	October 24, 2025	ND	ND	ND	ND	ND	ND	ND	480
BS25-124	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**928**
	4	October 24, 2025	ND	ND	ND	ND	ND	ND	ND	208
BS25-125	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,330**
	3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**608**
	3.5	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-126	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	288
	4	October 22, 2025	ND	ND	ND	ND	ND	ND	ND	464
BS25-127	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,300**
	2.5	October 20, 2025	ND	ND	ND	ND	ND	ND	ND	**656**
	3	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	26
BS25-128	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**624**
	2.5	October 20,2025	ND	ND	ND	ND	ND	ND	ND	528
BS25-129	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**1,250**
	6	October 24, 2025	ND	ND	ND	ND	ND	ND	ND	480

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Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
BS25-130	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**768**
	2.5	October 20,2025	ND	ND	ND	ND	ND	ND	ND	432
BS25-131	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**656**
	2.5	October 20,2025	ND	ND	ND	ND	ND	ND	ND	304
BS25-132	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	320
BS25-133	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-134	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-135	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-136	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**800**
	2	October 20,2025	ND	ND	ND	ND	ND	ND	ND	336
BS25-137	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-138	1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**768**
	2.5	October 20,2025	ND	ND	ND	ND	ND	ND	ND	576
BS25-139	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-140	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-141	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-142	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-143	4	October 24, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-144	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	**1,040**
	2	October 24, 2025	ND	ND	ND	ND	ND	ND	ND	23
BS25-145	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	352
BS25-146	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-147	4	October 24, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-148	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	10
BS25-149	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-150	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	11
BS25-151	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-152	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-153	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	21
BS25-154	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	14
BS25-155	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	336
BS25-156	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-157	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	14
BS25-158	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	17
BS25-159	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	11
BS25-160	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	480
BS25-161	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-162	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	21
BS25-163	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	15
BS25-164	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	18
BS25-165	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	20
BS25-166	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	15

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Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
BS25-167	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	16
BS25-168	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	15
BS25-169	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	15
BS25-170	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	13
BS25-171	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-172	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	28
BS25-173	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	13
BS25-174	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	21
BS25-175	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	22
BS25-176	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	464
BS25-177	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-178	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-179	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	16
BS25-180	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	92
BS25-181	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	15
BS25-182	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	14
BS25-183	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-184	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	11
BS25-185	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	**832**
	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-186	1	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-187	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	15
BS25-188	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	13
BS25-189	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	19
BS25-190	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-191	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-192	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	544
BS25-193	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-194	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-195	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-196	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	304
BS25-197	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	110
BS25-198	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	21
BS25-199	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	17
BS25-200	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	13
BS25-201	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	11
BS25-202	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-203	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	11
BS25-204	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-205	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	10
BS25-206	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	14
BS25-207	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	34

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Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
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			Depth to Groundwater ≤ 50 feet bgs							
BS25-208	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	12
BS25-209	2	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-210	2	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-211	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-212	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	432
BS25-213	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	512
BS25-214	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	464
BS25-215	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	496
BS25-216	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-217	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	224
BS25-218	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-219	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-220	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	416
BS25-221	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	320
BS25-222	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-223	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	27
BS25-224	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	416
BS25-225	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-226	2	October 20, 2025	ND	ND	ND	ND	ND	ND	ND	400
BS25-227	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	21
BS25-228	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	17
BS25-229	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	208
BS25-230	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	528
BS25-231	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	208
BS25-232	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	130
BS25-233	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	352
BS25-234	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-235	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-236	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	29
BS25-237	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	18
BS25-238	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	13
BS25-239	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	13
BS25-240	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	224
BS25-241	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	496
BS25-242	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-243	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-244	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-245	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-246	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-247	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	192
	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	14
BS25-248	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	29
BS25-249	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	20

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			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
BS25-250	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-251	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-252	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-253	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-254	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-255	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	18
BS25-256	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	496
BS25-257	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	24
BS25-258	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	11
BS25-259	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	17
BS25-260	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-261	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-262	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	336
BS25-263	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-264	1	October 10, 2025	ND	ND	ND	ND	ND	ND	ND	288
BS25-265	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	18
BS25-266	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	100
BS25-267	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	15
BS25-268	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	18
BS25-269	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	21
BS25-270	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-271	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-272	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-273	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-274	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	560
BS25-275	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-276	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	50
BS25-277	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	**720**
	2.25	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	150
BS25-278	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	190
BS25-279	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	**624**
	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-280	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-281	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-282	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-283	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-284	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-285	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-286	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	352
BS25-287	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	384
BS25-288	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	576
	2	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-289	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	15
BS25-290	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	64

VERTEX

Client Name: EOG Resources, Inc.
Site Name: Padron 10 State Com CTB AST
NMOCD Tracking #: nAPP2515337712
Project #: 25A-03091
Lab Reports: H256215, H256267, H256397, H256398, H256426, H256596 ,H256684REV, H256762, 885--36939-1,885-37135-1, 885-37191-885-37630-1, H256850REV, H256905, H256906, H257215, H257216

Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
BS25-291	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	480
BS25-292	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-293	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	288
BS25-294	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-295	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	512
BS25-296	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-297	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	**624**
	2.25	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	68
BS25-298	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	480
	2	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-299	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	420
BS25-300	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	320
BS25-301	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	544
BS25-302	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-303	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-304	2	October 28, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-305	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-306	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-307	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-308	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-309	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-310	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-311	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	170
BS25-312	2	November 6, 2025	ND	ND	ND	10	ND	10	10	190
BS25-313	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-314	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-315	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	464
BS25-316	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-317	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-318	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-319	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-320	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-321	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	544
BS25-322	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-323	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-324	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	71
BS25-325	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	400
BS25-326	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-327	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-328	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	**720**
	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	82
BS25-329	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	336
BS25-330	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	78
BS25-331	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	432

VERTEX

Client Name: EOG Resources, Inc.
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NMOCD Tracking #: nAPP2515337712
Project #: 25A-03091
Lab Reports: H256215, H256267, H256397, H256398, H256426, H256596 ,H256684REV, H256762, 885--36939-1,885-37135-1, 885-37191-885-37630-1, H256850REV, H256905, H256906, H257215, H257216

Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
BS25-332	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	208
BS25-333	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	320
BS25-334	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	320
BS25-335	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-336	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-337	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-338	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	338
BS25-339	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	576
BS25-340	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	130
BS25-341	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	310
BS25-342	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	**640**
	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	190
BS25-343	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-344	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	592
BS25-345	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	432
BS25-346	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-347	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	560
BS25-348	1	October 11, 2025	ND	ND	ND	10.8	ND	10.8	10.8	**736**
	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-349	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	448
BS25-350	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	544
BS25-351	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	352
BS25-352	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-353	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-354	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-355	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	288
BS25-356	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	352
BS25-357	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	**640**
	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	210
BS25-358	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	480
BS25-359	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	432
BS25-360	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-361	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	288
BS25-362	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	352
BS25-363	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	544
BS25-364	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	208
BS25-365	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	288
BS25-366	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	224
BS25-367	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	464
BS25-368	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	208
BS25-369	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-370	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	432
BS25-371	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	432
BS25-372	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	192

VERTEX

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Site Name: Padron 10 State Com CTB AST
NMOCD Tracking #: nAPP2515337712
Project #: 25A-03091
Lab Reports: H256215, H256267, H256397, H256398, H256426, H256596 ,H256684REV, H256762, 885--36939-1,885-37135-1, 885-37191-885-37630-1, H256850REV, H256905, H256906, H257215, H257216

Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
BS25-373	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-374	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-375	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-376	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	336
BS25-377	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	592
BS25-378	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-379	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-380	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-381	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-382	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-383	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-384	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-385	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-386	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-387	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-388	1	October 11, 2025	ND	ND	ND	ND	ND	ND	ND	224
BS25-389	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-390	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	352
BS25-391	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-392	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-393	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-394	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-395	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-396	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	384
BS25-397	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-398	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	**640**
	2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	58
BS25-399	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-400	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-401	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-402	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	16
BS25-403	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-404	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-405	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	368
BS25-406	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-407	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-408	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	320
BS25-409	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	496
BS25-410	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-411	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	208
BS25-412	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-413	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-414	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-415	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	192

VERTEX

Client Name: EOG Resources, Inc.
Site Name: Padron 10 State Com CTB AST
NMOCD Tracking #: nAPP2515337712
Project #: 25A-03091
Lab Reports: H256215, H256267, H256397, H256398, H256426, H256596 ,H256684REV, H256762, 885--36939-1,885-37135-1, 885-37191-885-37630-1, H256850REV, H256905, H256906, H257215, H257216

Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
BS25-416	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-417	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-418	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-419	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-420	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-421	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-422	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-423	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	390
BS25-424	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	280
BS25-425	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	320
BS25-426	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	208
BS25-427	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	14
BS25-428	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-429	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	14
BS25-430	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-431	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	224
BS25-432	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-433	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	336
BS25-434	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-435	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	320
BS25-436	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	14
BS25-437	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-438	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-439	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-440	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	560
BS25-441	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	368
BS25-442	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-443	2	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-444	1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	**896**
	2	October 30, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-445	3	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-446	1	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-447	6	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	130
BS25-448	1	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	224
BS25-449	2	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	32

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Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
Wall Samples										
WS25-01	0-1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**992**
	0-1	November 10, 2025	-	-	-	-	-	-	-	-
	0-1	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	250
WS25-02	0-1	October 3, 2025	-	-	-	-	-	-	-	-
	0-1	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	370
WS25-03	0-1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	**768**
	0-1	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-04	0-1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	48
WS25-05	0-1	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	288
WS25-06	0-3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	576
	0-4	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-07	0-3	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	32
WS25-08	0-1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**800**
	4-7.25	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	352
WS25-09	0-1	October 3, 2025	-	-	-	-	-	-	-	-
WS25-10	0-4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**848**
	1-8	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	320
WS25-11	0-4.5	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	160
WS25-12	0-1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	144
WS25-13	0-1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	**880**
	0-1	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	73
WS25-14	0-1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	32
WS25-15	0-1	October 3, 2025	ND	ND	ND	ND	ND	ND	ND	160
WS25-16	1-2	October 9, 2025	-	-	-	-	-	-	-	-
WS25-17	1-2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	320
WS25-18	1-2	October 9, 2025	-	-	-	-	-	-	-	-
	1-3	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	330
WS25-19	1-2	October 9, 2025	ND	ND	ND	ND	ND	ND	ND	**624**
WS25-20	0-1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	128
WS25-21	0-1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	368
WS25-22	0-1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	272
WS25-23	0-1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	**752**
	0-1	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	240
WS25-24	0-1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	112
WS25-25	0-1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	576
WS25-26	0-1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	320
WS25-27	0-1	October 14, 2025	ND	ND	ND	ND	ND	ND	ND	432
WS25-28	1-2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	96
WS25-29	1-2	October 15, 2025	ND	ND	ND	ND	ND	ND	ND	64

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Site Name: Padron 10 State Com CTB AST
NMOCD Tracking #: nAPP2515337712
Project #: 25A-03091
Lab Reports: H256215, H256267, H256397, H256398, H256426, H256596 ,H256684REV, H256762, 885--36939-1,885-37135-1, 885-37191-885-37630-1, H256850REV, H256905, H256906, H257215, H257216

Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
WS25-30	1-2	October 16, 2025	ND	ND	ND	ND	ND	ND	ND	48
WS25-31	1-5	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	5-8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	100
WS25-32	2-5	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	19
	5-8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-33	7-8	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-34	3-5	November 4, 2025	ND	ND	ND	ND	ND	ND	ND	13
WS25-35	1-3	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	170
WS25-36	2-4	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	55
WS25-37	1-4	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	160
WS25-38	1-4	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	220
WS25-39	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	110
WS25-40	1-4	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-41	1-4	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-42	1-2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	73
WS25-43	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	66
WS25-44	1-2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-45	1-2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	190
WS25-46	1-2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-47	1-2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	98
WS25-48	1-2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-49	1-2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-50	1-2	November 6, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-51	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	260
WS25-52	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	53
WS25-53	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	190
WS25-54	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	52
WS25-55	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-56	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	210
WS25-57	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	52
WS25-58	1-3	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	56
WS25-59	2.5-6	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	250
WS25-60	2-6	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	100
WS25-61	1-3	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	290
WS25-62	1-3	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	140
WS25-63	1-3	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	140

Client Name: EOG Resources, Inc.
Site Name: Padron 10 State Com CTB AST
NMOCD Tracking #: nAPP2515337712
Project #: 25A-03091
Lab Reports: H256215, H256267, H256397, H256398, H256426, H256596 ,H256684REV, H256762, 885--36939-1,885-37135-1, 885-37191-885-37630-1, H256850REV, H256905, H256906, H257215, H257216

Table 4. Confirmation Sample Laboratory Results

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			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
WS25-64	3-4	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	430
WS25-65	2-5	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	290
WS25-66	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	220
WS25-67	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	71
WS25-68	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	63
WS25-69	1-2	November 11, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-70	1-7.25	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	336
WS25-71	2-8	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	256
WS25-72	1-4	November 13, 2025	ND	ND	ND	ND	ND	ND	ND	336

Client Name: EOG Resources, Inc.
Site Name: Padron 10 State Com CTB AST
NMOCD Tracking #: nAPP2515337712
Project #: 25A-03091
Lab Reports: H256215, H256267, H256397, H256398, H256426, H256596 ,H256684REV, H256762, 885--36939-1,885-37135-1, 885-37191-885-37630-1, H256850REV, H256905, H256906, H257215, H257216

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			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater ≤ 50 feet bgs							
Backfill Samples										
Backfill-01	0	November 14, 2025	ND	ND	ND	ND	ND	ND	ND	80
Backfill-02	0	November 14, 2025	ND	ND	ND	ND	ND	ND	ND	64

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Bold and grey shaded indicates exceedance outside of NMOCD Remediation Closure Criteria
Bold and green shaded indicates exceedance outside of NMOCD Reclamation Closure Criteria
Strikethrough indicates the excavation depth was increased and the soil represented by the sample was removed

Table 5. Excavation Measurements			
Excavation Area ID	**Area (sq. ft.)**	**Perimeter (ft.)**	**Depth (ft.)**
A	396	84	1 ft depth
AA	199	56	1 ft depth
AAA	199	58	2 ft depth
B	198	58	2 ft depth
BB	187	55	4 ft depth
C	400	78	1 ft depth
CC	1175	221	3 ft depth
D	599	117	1 ft depth
DD	335	74	6 ft depth
E	2928	436	1 ft depth
EE	134	48	1 ft depth
F	5084	589	2 ft depth
FF	775	167	1 ft depth
G	198	57	5 ft depth
GG	199	58	2 ft depth
H	2475	363	1 ft depth
HH	402	82	4 ft depth
I	197	115	1 ft depth
II	1891	353	1 ft depth
J	330	73	3 ft depth
JJ	198	59	2 ft depth
K	174	54	2 ft depth
KK	28160	1692	2 ft depth
L	1864	215	8 ft depth
LL	799	120	1 ft depth
M	184	62	1 ft depth
MM	199	75	1 ft depth
N	492	112	4 ft depth
NN	199	65	1 ft depth
O	399	85	5 ft depth
OO	199	57	1 ft depth
P	274	78	4 ft depth
PP	1193	164	1 ft depth
Q	1566	229	3 ft depth
QQ	934	123	1 ft depth
R	577	120	7 ft depth
RR	198	56	2 ft depth
S	798	130	4.5 ft depth
SS	18853	1314	1 ft depth
T	200	57	1 ft depth
TT	198	56	2 ft depth
U	399	102	2 ft depth
UU	2548	324	2 ft depth
V	586	99	1 ft depth
VV	195	59	1 ft depth
W	177	64	4 ft depth
WW	199	57	2 ft depth
X	196	56	3 ft depth
XX	197	55	2 ft depth
Y	1569	215	4 ft depth
YY	395	89	1 ft depth
Z	1135	205	3.5 ft depth
ZZ	3664	355	1 ft depth

APPENDIX A – Closure Criteria Research Documentation

OSE POD Location Map

6/9/2025, 8:31:42 AM

Override 1

GIS WATERS PODs

Pending

1:9,028

0 0.07 0.15 0.3 mi

0 0.13 0.25 0.5 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.

Water Right Summary

get image list

WR File Number:	C 04939	**Subbasin:**	CUB	**Cross Reference:**	
Primary Purpose:	MON MONITORING WELL				
Primary Status:	PMT Permit				
Total Acres:		**Subfile:**		**Header:**	
Total Diversion:	0.000	**Cause/Case:**			
Owner:	EOG RESOURCES	**Owner Class:**	Owner		
Contact:	CAYDEN SESSIONS				

Documents on File

(acre-fee

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion
get images	778645	EXPL	2025-02-17	PMT	APR	C-4939 POD1-3	T	0.000	0.000

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
C 04939 POD1	NA		NE	SW	SE	03	25S	27E	577778.0	3557839.9		CORE #1-J
C 04939 POD2	NA		NE	SW	SE	03	25S	27E	577777.5	3557899.4		CORE #2-R
C 04939 POD3	NA		NW	SW	NW	35	24S	27E	578427.1	3560346.0		CORE #3-T

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

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

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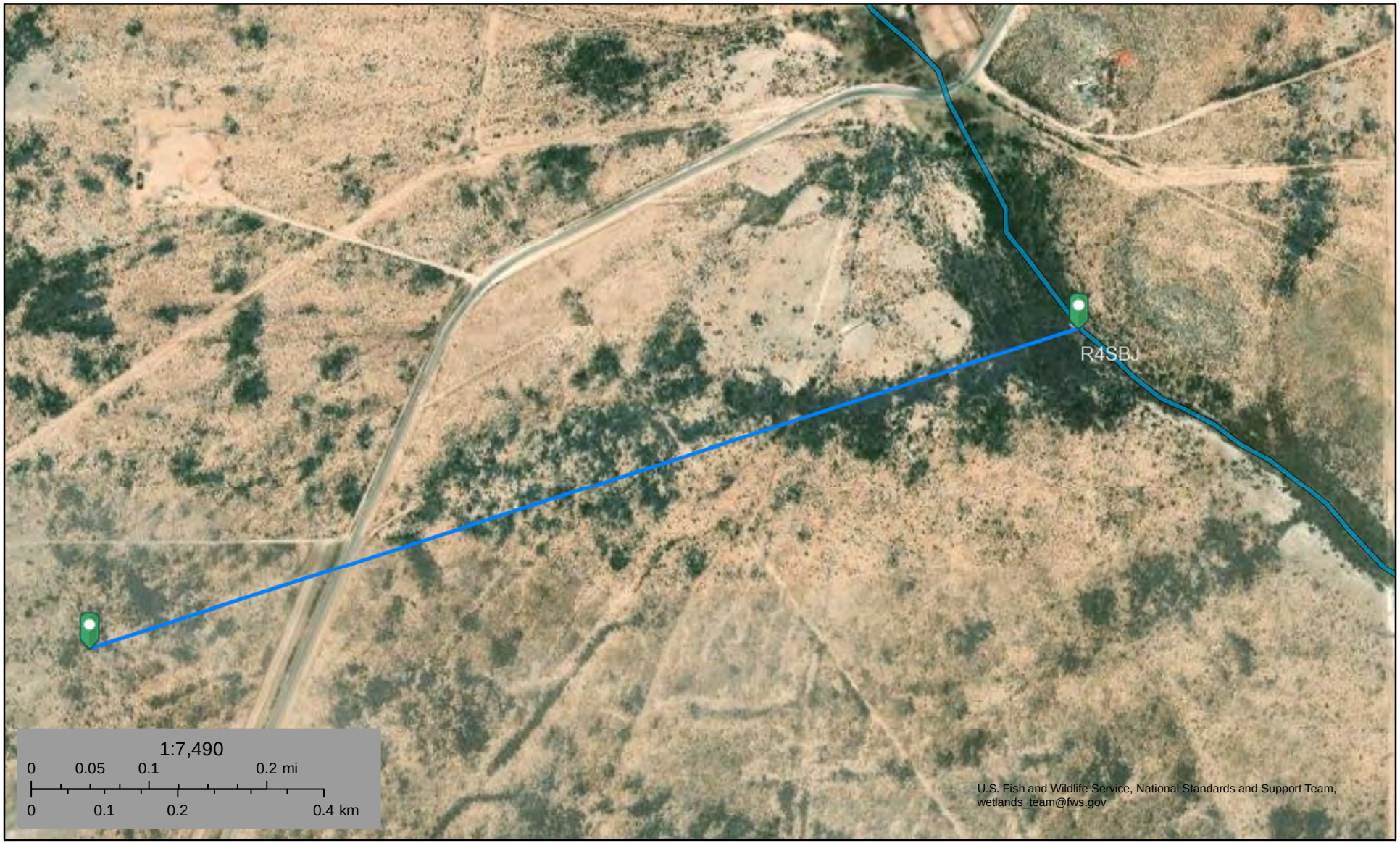
U.S. Fish and Wildlife Service
National Wetlands Inventory

Pardon AST Watercourse 3,949ft.



June 9, 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)
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U.S. Fish and Wildlife Service
National Wetlands Inventory

Pardon AST Lake 29,261ft.

June 9, 2025

Wetlands

- Estuarine and Marine Deepwater
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National Wetlands Inventory (NWI)
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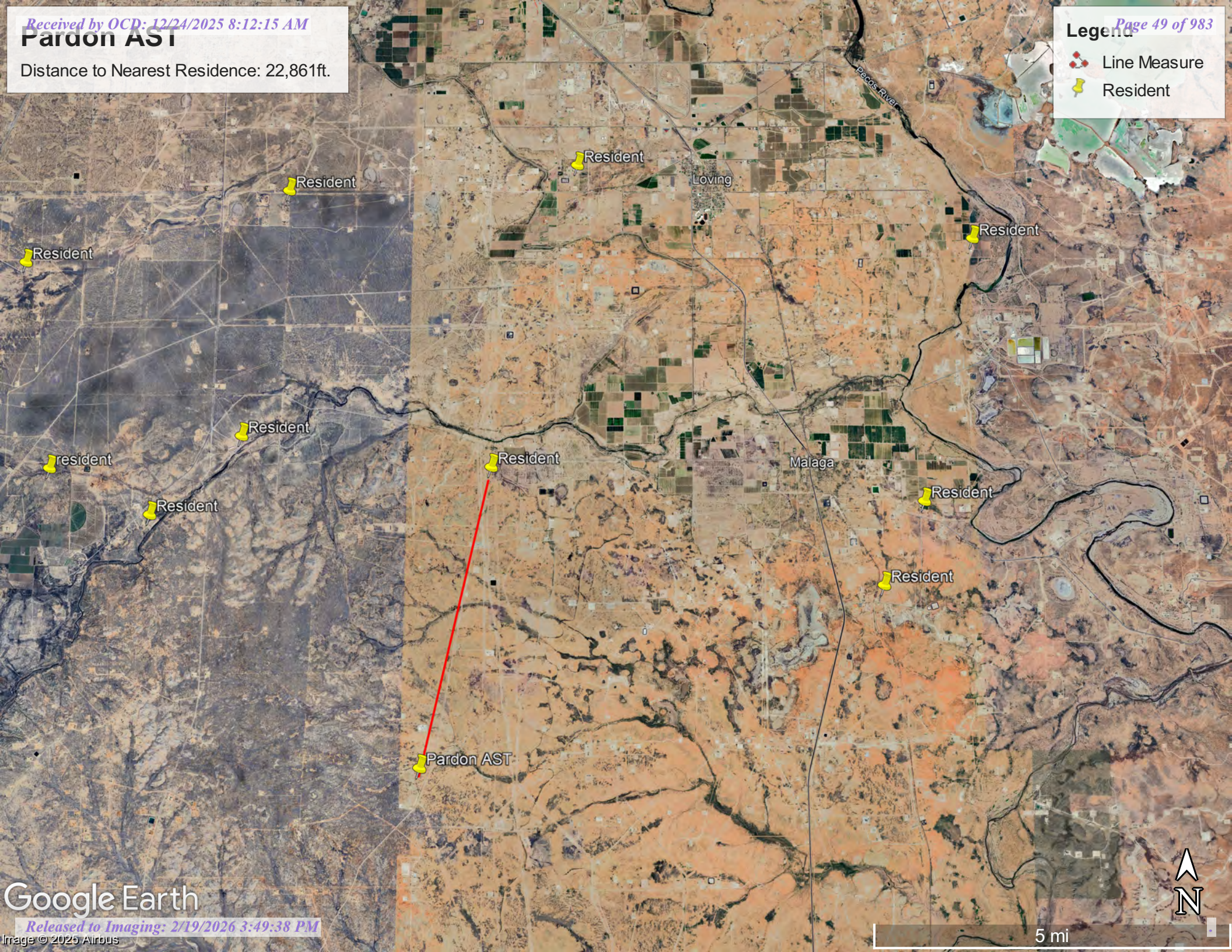
Pardon AST

Distance to Nearest Residence: 22,861ft.



Released to Imaging: 2/19/2026 3:49:38 PM

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum) | (R=POD has been replaced and no longer serves this file, C=the file is closed) | (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) | (NAD83 UTM in meters) | (meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q64	q16	q4	Sec	Tws	Range	X	Y	Map	Distanc
C 04939	CUB	MON	0.000	EOG RESOURCES	ED	C 04939 POD2	NA				NE	SW	SE	03	25S	27E	577777.5	3557899.4		782.2
					ED	C 04939 POD1	NA				NE	SW	SE	03	25S	27E	577778.0	3557839.9		820.2
C 03264	CUB	PLS	3.000	CLARAMAI R HAYHURST	ED	C 03264 POD1					NE	NW	NE	02	25S	27E	579391.0	3559099.0 *		1,229.1
C 04939	CUB	MON	0.000	EOG RESOURCES	ED	C 04939 POD3	NA				NW	SW	NW	35	24S	27E	578427.1	3560346.0		1,959.1
C 04847	CUB	MON	0.000	EOG RESOURCES	ED	C 04847 POD1	NA			Shallow	SE	NW	SE	36	24S	27E	580978.9	3559647.0		2,880.1
C 03263	CUB	PLS	3.000	CLARAMAI R HAYHURST	ED	C 03263 POD1					NW	NW	NW	07	25S	28E	581628.0	3557501.0 *		3,358.2
C 04892	CUB	EXP	0.000	MEWBOURNE OIL CO.	ED	C 04892 POD1	NA				SW	SW	SW	07	25S	28E	581666.6	3556038.9		4,032.2
C 01721	C	STK	0.000	WILLIAM DIESCHER	ED	C 01721							NW	25	24S	27E	580271.0	3562033.0 *		4,102.9
C 02942	C	PRO	0.000	SAMSON	ED	C 02942					SW	SE	SW	23	24S	27E	578748.0	3562516.0 *		4,144.3
C 03262	CUB	PLS	3.000	CLARAMAI R HAYHURST	ED	C 03262 POD1					NE	NW	NE	22	25S	27E	577837.0	3554244.0 *		4,179.9
C 01452	C	STK	3.000	WILLIAM DIESCHER	ED	C 01452				Shallow				22	24S	27E	577435.0	3563175.0 *		4,881.8
C 04147	CUB	MON	0.000	GHD SERVICES INC	ED	C 04147 POD1	NA				SE	NW	SW	24	24S	27E	580100.9	3562969.8		4,891.9
C 02307	C	STK	3.000	HORACE HOLLAND	ED	C 02307								23	25S	27E	579170.0	3553530.0 *		4,919.7

Record Count: 13

Filters Applied:

UTM Filters (in meters):
Easting: 578388.86
Northing: 3558387.30
Radius: 5000.0

Sorted By: Distance

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

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Water Right Summary

get image list

WR File Number:	C 03264	**Subbasin:**	CUB	**Cross Reference:**
Primary Purpose:	PLS NON 72-12-1 LIVESTOCK WATERING			
Primary Status:	DCL Declaration			
Total Acres:	0.000	**Subfile:**		**Header:**
Total Diversion:	3.000	**Cause/Case:**		
Owner:	CLARAMAI R HAYHURST	**Owner Class:**	Owner	

Documents on File

(acre-feet per

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Cc
	352214	DCL	2005-07-10	DCL	PRC	C 03264	T	0.000	3.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
C 03264 POD1			NE	NW	NE	02	25S	27E	579391.0	3559099.0 *		

* UTM location was derived from PLSS - see Help

Priority Summary

Priority	Status	Acres	Diversion	POD Number	Source
1964-05-06	DCL	0.000	3.000	C 03264 POD1	

Place of Use

Q256	Q64	Q16	Q4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
							0.000	3.000		PLS	1964-05-06	DCL	NO PLACE OF USE GIVEN

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0.000	3.000		PLS	1964-05-06	GW	

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U.S. Fish and Wildlife Service
National Wetlands Inventory

Pardon AST Wetland 14,508ft

June 9, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
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- Other
- Riverine

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National Wetlands Inventory (NWI)
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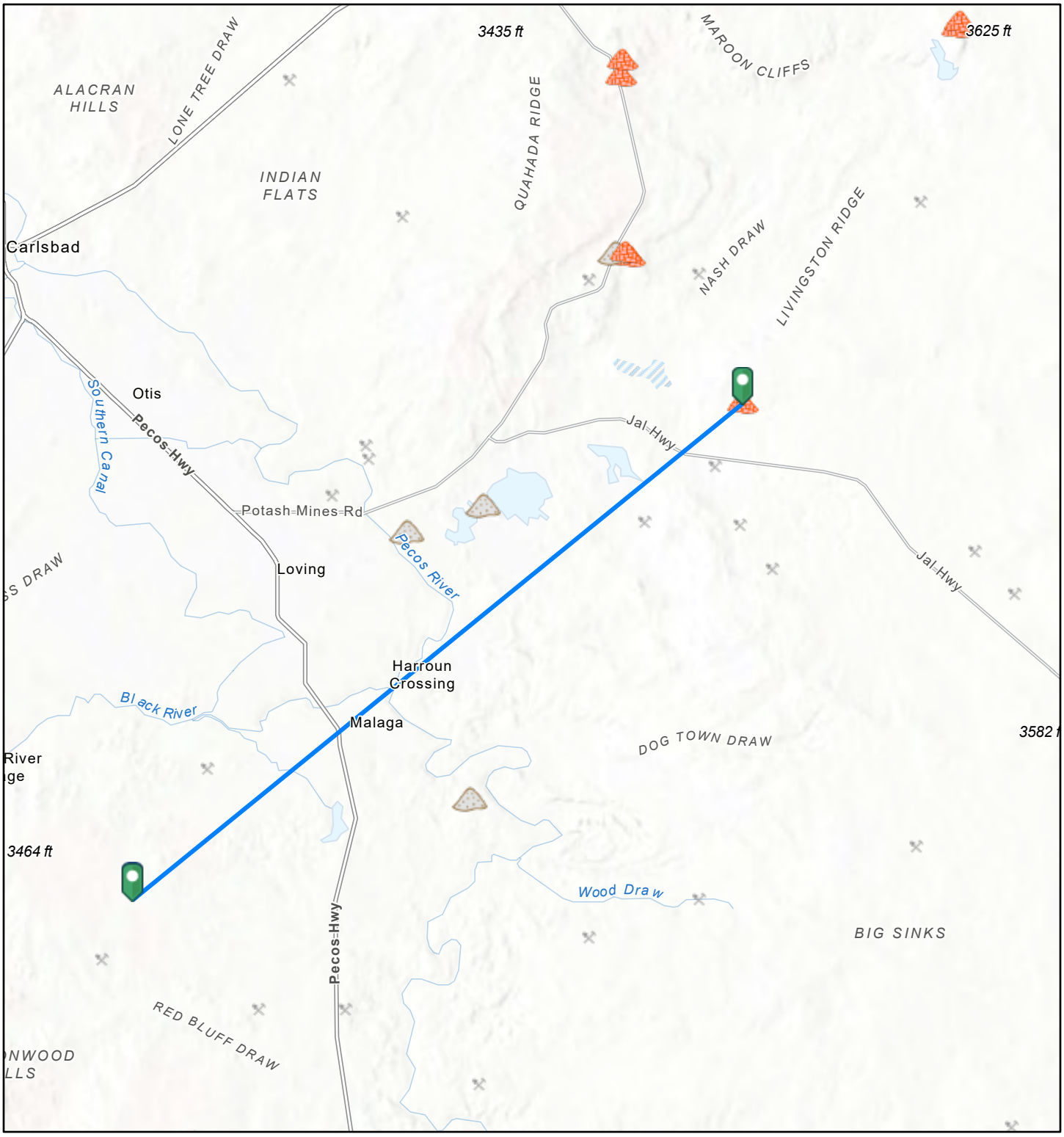
Padron 10 State Com CTB AST Mine 113,104ft



7/6/2025, 5:06:21 PM

1:288,895

0 2 4 8 mi

0 3.25 6.5 13 km

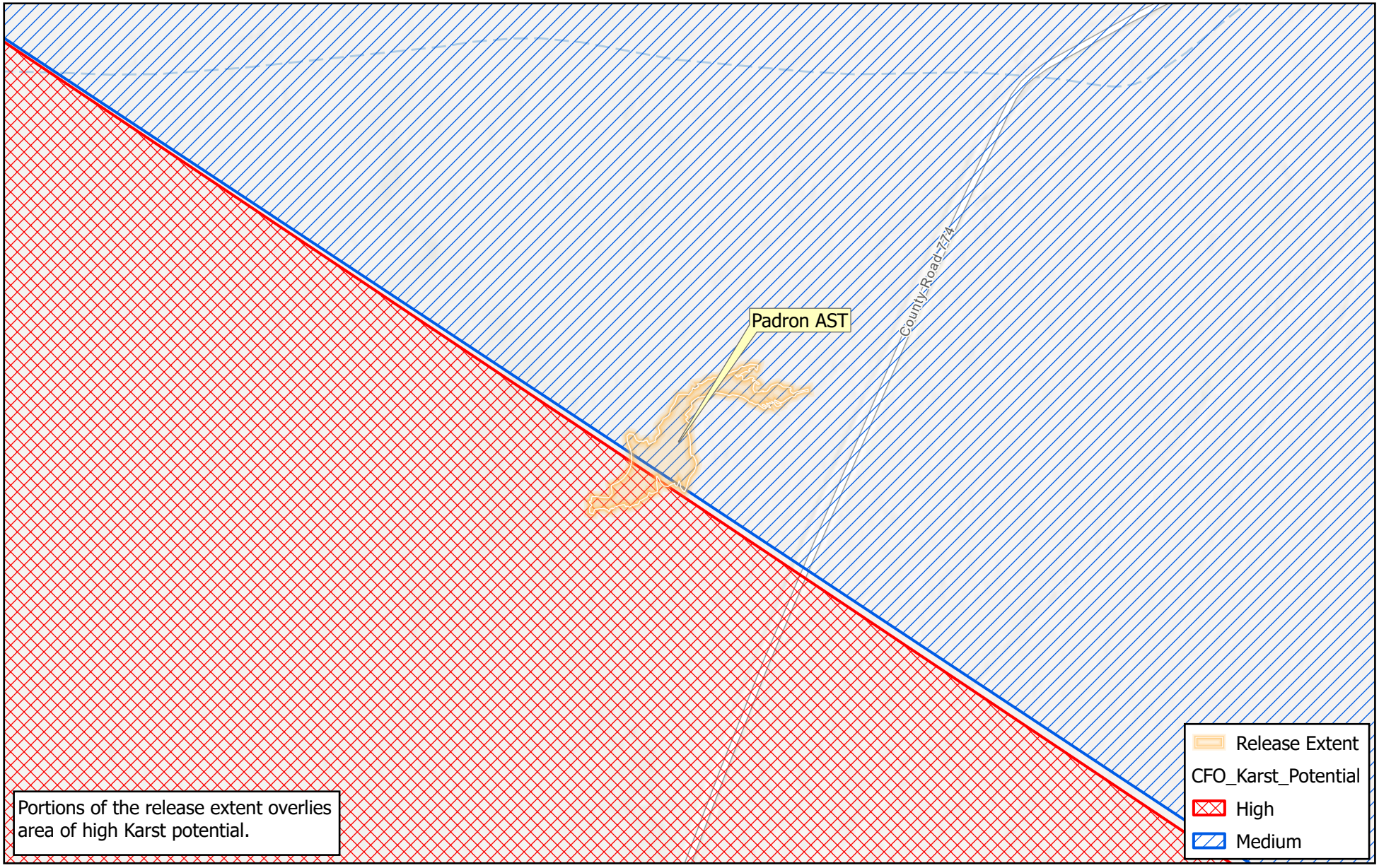
Registered Mines

- 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)



VERTEX

0 300 600 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.159916°N, 104.167749°W

Date: Jun 09/25

N

Karst Potential
Pardon AST

FIGURE:
X

eog resources

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

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

VERSATILITY. EXPERTISE.

Received by OCD: 12/24/2025 8:12:15 AM

Pardon AST

Distance to Nearest FEMA Zone A: 3,288ft

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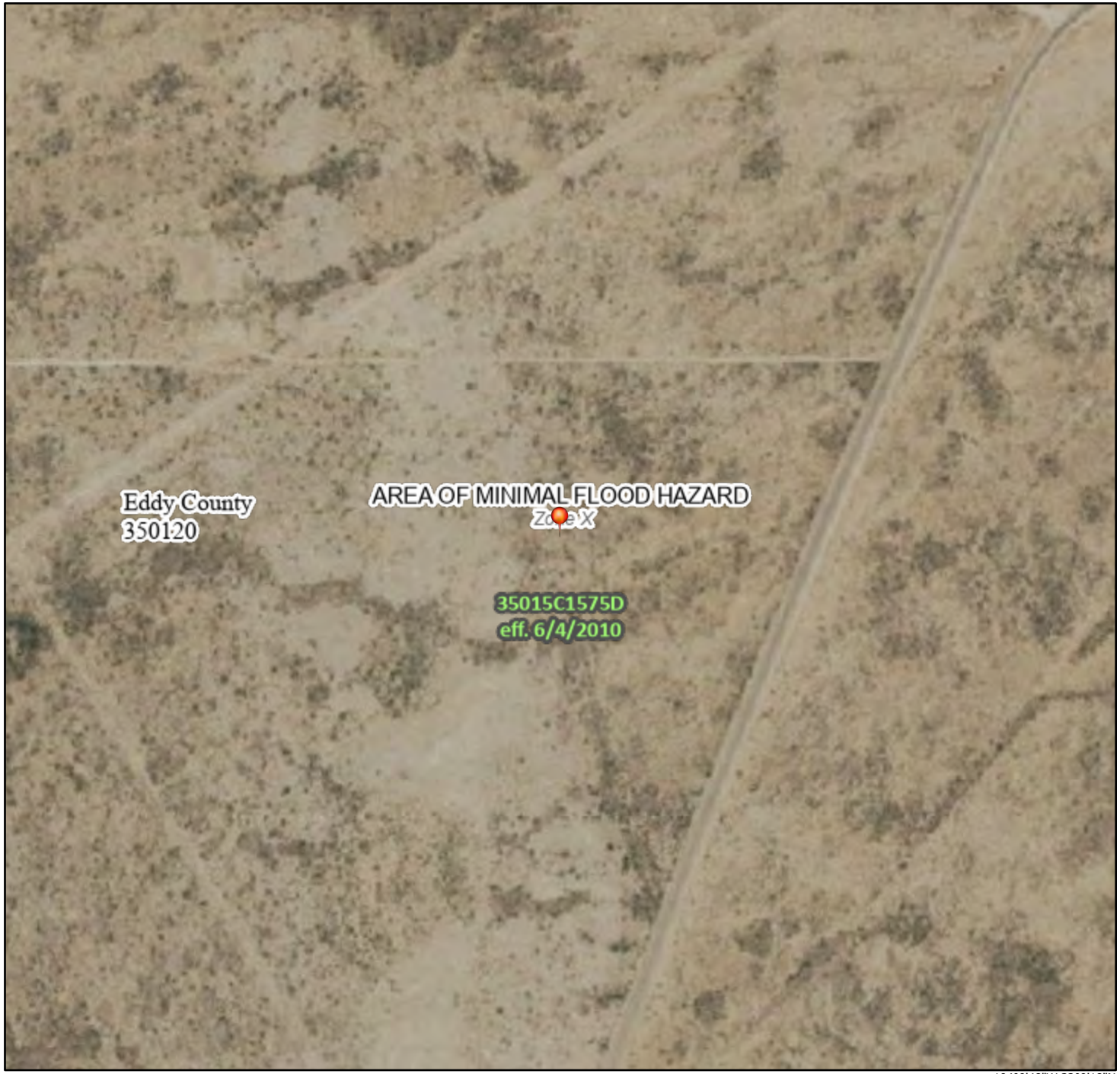
National Flood Hazard Layer FIRMette

FEMA

104°10'26"W 32°9'48"N



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

1:6,000

104°9'48"W 32°9'18"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 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- 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 6/9/2025 at 4:30 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.

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Eddy Area, New Mexico

GC—Gypsum land-Cottonwood complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4g
Elevation: 1,250 to 5,000 feet
Mean annual precipitation: 10 to 25 inches
Mean annual air temperature: 57 to 66 degrees F
Frost-free period: 190 to 225 days
Farmland classification: Not prime farmland

Map Unit Composition

Gypsum land: 60 percent
Cottonwood and similar soils: 30 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Gypsum Land

Setting

Landform: Ridges, plains, hills
Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, head slope, nose slope, crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8s
Hydric soil rating: No

Description of Cottonwood

Setting

Landform: Ridges, hills
Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, head slope, nose slope, crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 60 inches: bedrock

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 3 to 12 inches to paralithic bedrock
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None

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Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Gypsum, maximum content: 5 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 1.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6s
Hydrologic Soil Group: D
Ecological site: R070BB006NM - Gyp Upland
Hydric soil rating: No

Minor Components

Rock outcrop

Percent of map unit: 5 percent
Hydric soil rating: No

Cottonwood

Percent of map unit: 5 percent
Ecological site: R070BC033NM - Salty Bottomland
Hydric soil rating: No

RM—Reeves-Reagan loams, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5g
Elevation: 1,100 to 4,400 feet
Mean annual precipitation: 7 to 25 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 50 percent
Reagan and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reeves

Setting

Landform: Ridges, plains, hills
Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, head slope, nose slope, crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 32 inches: clay loam
H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): 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: 25 percent
Gypsum, maximum content: 80 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Interpretive groups

Land capability classification (irrigated): 3s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Description of Reagan

Setting

Landform: Fan remnants, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 30 inches: loam
H3 - 30 to 82 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 50 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 15.0
Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Minor Components

Cottonwood

Percent of map unit: 5 percent
Ecological site: R070BB006NM - Gyp Upland
Hydric soil rating: No

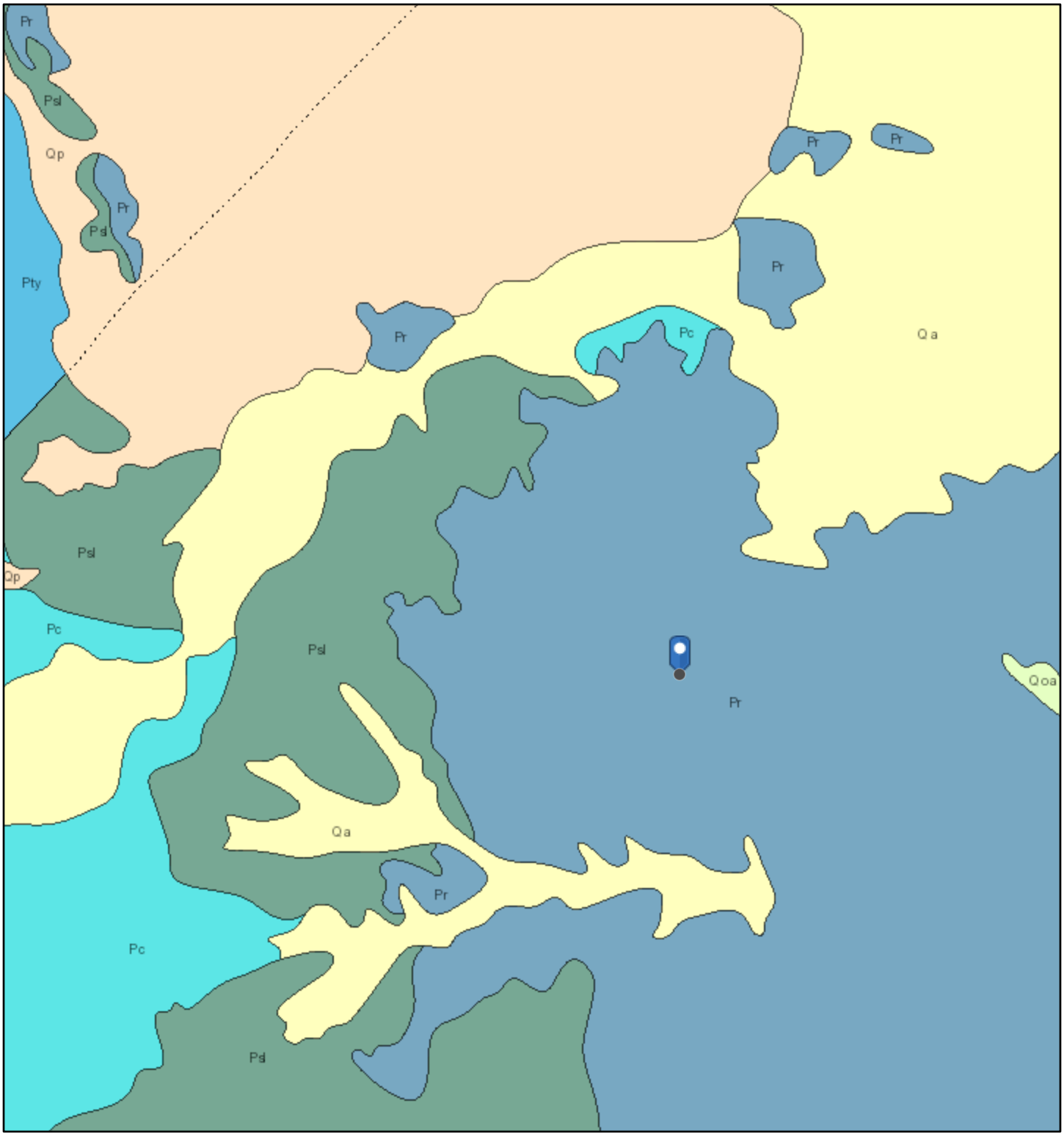
Gypsum land

Percent of map unit: 5 percent
Hydric soil rating: No

Upton

Percent of map unit: 5 percent
Ecological site: R070BC025NM - Shallow
Hydric soil rating: No

Pardon AST Geology



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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

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Padron AST
EOG Resources Inc.

Appendix B
Biological Review
SLO-ECO

	Printable Reports	
Agency	**Report**	**Result**
US Fish & Wildlife	Information for Planning and Consultation (IPaC)	----------
	(Potentially) Endangered Species	4
	Bald & Golden Eagles	0
	Migratory Birds	0
	Facilities	0
	Wetlands	0
	Vertex "Habitats" GIS Map	
Agency	**Layer**	**Result**
BLM		
	Special Status Plant and Wildlife Habitat	----------
	Potential Habitat (Planning Area Only)	None
	Dunes Sage Brush Lizard	None
	Lesser Prairie Chicken	None
	Lesser Prairie Chicken Timing Restriction	None
	Natl Designated Areas of Critical Environmental Concern	None
NM Game and Fish		
	NM Crucial Habitat Assessment Tool (NM CHAT)	----------
	Crucial Habitat	4
	Species of Concern	4
	Large Natural Areas	2
	Natural Vegetation	6
	Terresterial SERI	3
	Aquatic SERI	6
	Fresh Water Integrity	5
	Weland and Riparian Areas	0/6
	NM State Wildlife Action Plan (SWAP) Macrogroups	Chihuahuan Desert Scrub
	NM Important Plant Areas	None
	Riparian Corridors	----------
	Upper Rio Grande	None
	Middle Rio Grande	None
	Canadian Upper Pecos	None
	Gila Region San Juan	None
	Lower Pecos Tularosa basin	None
	NM Riparian Corridor	None
US Fish & Wildlife		
	Critical Habitat for Threatened and Endangered Species	None
NM Natural Heritage		
	Federal Threatened and Endangered (Fed T&E)	Texas Hornshell - Popenaias popeii
	State Threatened and Endangered (State T&E)	None
NM State Forestry		
	Important Plant Area (IPA)	None

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

Location

Eddy County, New Mexico

Local office

New Mexico Ecological Services Field Office

(505) 346-2525
(505) 346-2542

2105 Osuna Road Ne

The following species are potentially affected by activities in this location:

Birds

NAME	STATUS
Northern Aplomado Falcon Falco femoralis septentrionalis No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	EXPN
Piping Plover Charadrius melodus There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/6039	Threatened

Clams

NAME	STATUS
Texas Hornshell Popenaias popeii Wherever found There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/919	Endangered

Insects

NAME	STATUS
Monarch Butterfly Danaus plexippus Wherever found There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

NOT FOR CONSULTATION

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act [2] and the Migratory Bird Treaty Act (MBTA) [1]. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The data in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

NOT FOR CONSULTATION

Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle (Bald and Golden Eagle Protection Act requirements may apply).

Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests

Migratory birds

The Migratory Bird Treaty Act (MBTA) [1] prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (FWS).

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

The data in this location indicates that no migratory birds of concern have been observed in this area. This does not mean birds of concern are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine what migratory birds of concern may be present (e.g. your local FWS field office, state surveys, your own surveys).

NOT FOR CONSULTATION

Migratory Bird FAQs

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Avoidance & Minimization Measures for Birds describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the Bald and Golden Eagle Protection Act and those species marked as “Vulnerable”. See the FAQ “What are the

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

NOT FOR CONSULTATION

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

NOT FOR CONSULTATION

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate

APPENDIX B – Daily Field Report

Daily Site Visit Report

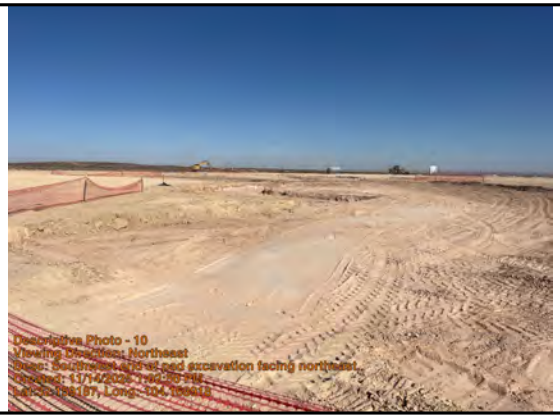
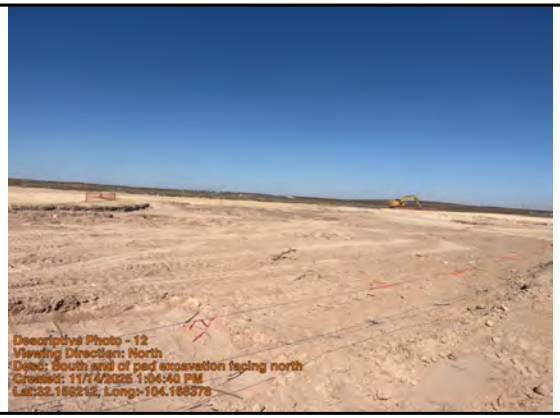
Site Photos

Viewing Direction: East	**Viewing Direction**: South
Northwest corner of excavation facing east.	Northwest corner of excavation facing south.
Viewing Direction: Southwest	**Viewing Direction**: Southeast
Northwest corner of excavation facing southwest.	Northwest corner of pad excavation facing southeast.

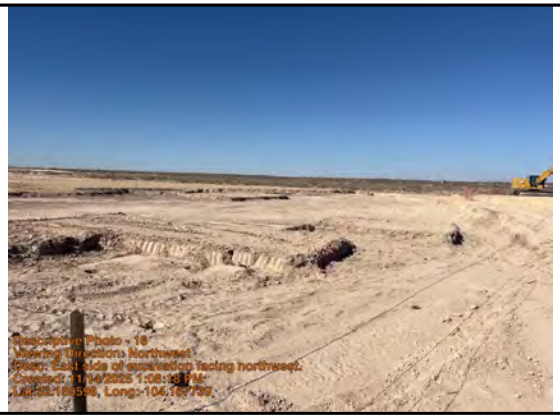
Daily Site Visit Report

Viewing Direction: South	**Viewing Direction**: Southwest
Northwest corner of pad excavation facing south.	Northwest corner of pad excavation facing southwest.
Viewing Direction: West	**Viewing Direction**: Southeast
Northwest corner of pad excavation facing west.	Northwest corner of pad excavation facing southeast.

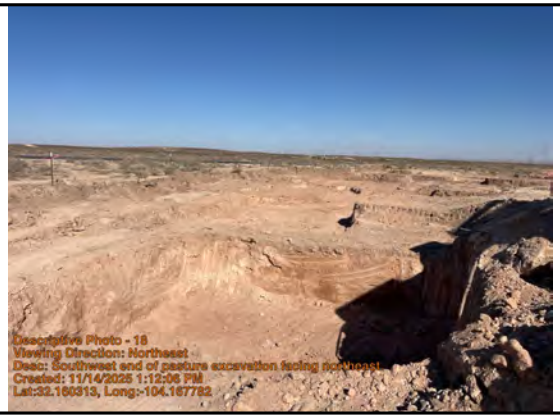
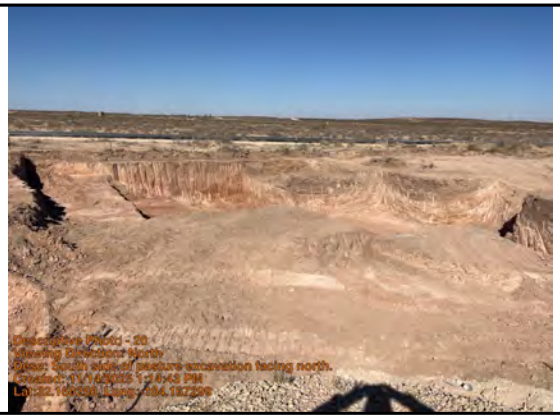
Daily Site Visit Report

Viewing Direction: South	**Viewing Direction**: Northeast
	
Northwest corner of pad excavation facing south.	Southwest end of pad excavation facing northeast.
Viewing Direction: East	**Viewing Direction**: North
	
Southwest end of pad excavation facing east.	South end of pad excavation facing north

Daily Site Visit Report

Viewing Direction: Northwest	**Viewing Direction**: North
Southeast end of pad excavation facing northwest.	Southeast end of pad excavation facing north.
Viewing Direction: West	**Viewing Direction**: Northwest
	
East side of excavation facing west.	East side of excavation facing northwest.

Daily Site Visit Report

Viewing Direction: South	**Viewing Direction**: Northeast
	
Midpoint where pad and pasture excavations connect facing south.	Southwest end of pasture excavation facing northeast.
Viewing Direction: East	**Viewing Direction**: North
	
Northwest end of pasture excavation facing east.	South side of pasture excavation facing north.

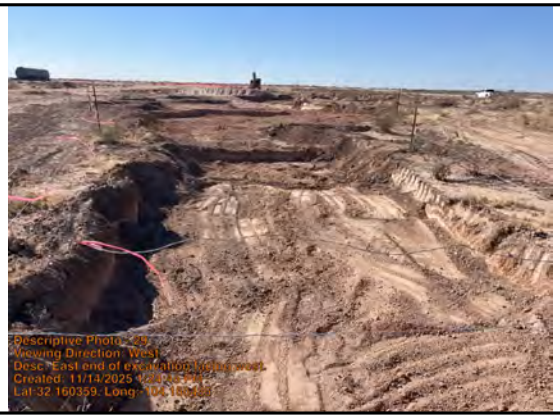
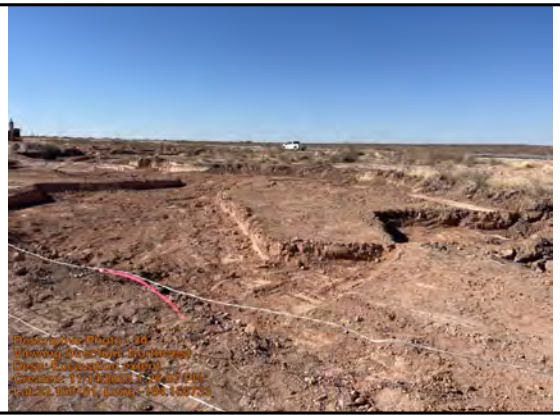
Daily Site Visit Report

Viewing Direction: East	**Viewing Direction**: Southwest
South side of pasture excavation facing east.	North side of pasture excavation facing southwest.
Viewing Direction: East	**Viewing Direction**: Southwest
North side of pasture excavation facing east.	Northeast side of pasture excavation facing southwest.

Daily Site Visit Report

Viewing Direction: Southwest	**Viewing Direction**: South
Excavation extent.	Excavation extent.
Viewing Direction: East	**Viewing Direction**: Southwest
Excavation extent.	Excavation extent.

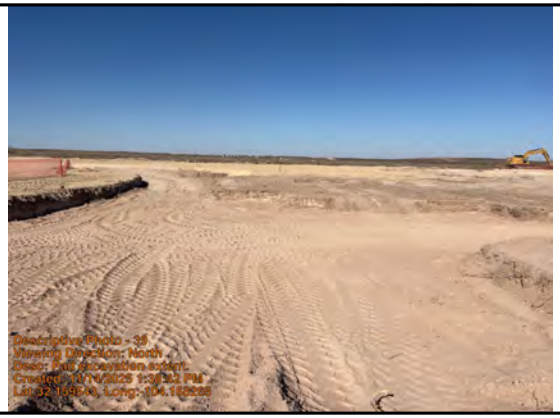
Daily Site Visit Report

Viewing Direction: West	**Viewing Direction**: Northwest
	
East end of excavation facing west.	Excavation extent.
Viewing Direction: West	**Viewing Direction**: West
Excavation extent.	Excavation extent.

Daily Site Visit Report

Viewing Direction: North	**Viewing Direction**: Southeast
Excavation extent.	Pad excavation extent.
Viewing Direction: East	**Viewing Direction**: East
Pad excavation extent.	Pad excavation extent.

Daily Site Visit Report

Viewing Direction: Southeast	**Viewing Direction**: East
Pad excavation extent.	Pad excavation extent.
Viewing Direction: North	**Viewing Direction**: West
	
Pad excavation extent.	Pad excavation extent.

Daily Site Visit Report

Viewing Direction: Southeast	**Viewing Direction**: Northeast
Pad excavation extent.	Pad excavation extent.
Viewing Direction: Northwest	**Viewing Direction**: South
Pad excavation extent.	Pad excavation extent.

Daily Site Visit Report

Viewing Direction: North	**Viewing Direction**: North
Pad excavation extent.	Pad excavation extent.
Viewing Direction: Southwest	**Viewing Direction**: Southwest
Pad excavation extent.	Pad excavation extent.

Daily Site Visit Report

Viewing Direction: North	**Viewing Direction**: North
Backfill-01	Backfill-02

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Andrew Ludvik

Signature:

Received by OCD: 12/24/2025 8:12:13 AM

Received by OCD: 12/24/2025 8:12:13 AM

EOG Resources
Padron AST
23.12.2025 15:15
32.16024, -104.1673
Roadrunner Road, Lookout Crossing

S
199°

Received by OCD: 12/24/2025 8:12:13 AM

EOG Resources
Padron AST
23.12.2025 15:15
32.16029, -104.16732
Roadrunner Road, Lookout Crossing

NW
318°

APPENDIX C – Laboratory Data Reports and Chain of Custody Forms

CARDINAL Laboratories

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

October 09, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PADRON AST

Enclosed are the results of analyses for samples received by the laboratory on 10/06/25 11:43.

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

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:	10/06/2025	Sampling Date:	10/03/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 01 0-1' (H256215-01)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	**992**	16.0	10/06/2025	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	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *94.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *99.1 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 03 0-1' (H256215-02)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	**768**	16.0	10/06/2025	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	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *95.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 04 0-1' (H256215-03)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	**48.0**	16.0	10/06/2025	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	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *91.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.8 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 05 0-1' (H256215-04)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	**288**	16.0	10/06/2025	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	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *104 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/03/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 06 0-3' (H256215-05)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	10/06/2025	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	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *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:	10/06/2025	Sampling Date:	10/03/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 07 0-3' (H256215-06)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	**32.0**	16.0	10/06/2025	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	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *87.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.3 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/03/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 08 3-4.5' (H256215-07)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	**800**	16.0	10/06/2025	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	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *99.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *102 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/03/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 10 0-4.5' (H256215-08)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	**848**	16.0	10/06/2025	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	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *98.0 %* *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:	10/06/2025	Sampling Date:	10/03/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 11 0-4.5' (H256215-09)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	**160**	16.0	10/06/2025	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	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *91.7 %* *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:	10/06/2025	Sampling Date:	10/03/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 12 1-4.5' (H256215-10)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	**144**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *80.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.9 %* *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:	10/06/2025	Sampling Date:	10/03/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 13 0-1' (H256215-11)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	**880**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *81.5 %* *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:	10/06/2025	Sampling Date:	10/03/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 14 0-1' (H256215-12)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	**32.0**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *91.5 %* *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:	10/06/2025	Sampling Date:	10/03/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 15 0-1' (H256215-13)

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	10/06/2025	ND	1.86	92.8	2.00	19.1	
Toluene*	<0.050	0.050	10/06/2025	ND	1.93	96.6	2.00	16.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.95	97.5	2.00	15.0	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.10	102	6.00	14.4	
Total BTEX	<0.300	0.300	10/06/2025	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	**160**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *95.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *99.8 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 01 1' (H256215-14)

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	10/06/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/06/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/06/2025	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	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *99.8 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 02 1' (H256215-15)

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	10/06/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/06/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/06/2025	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	**496**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *105 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 03 1' (H256215-16)

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	10/06/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/06/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.1 %* *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	**672**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	196	98.0	200	6.25	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	196	97.9	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *94.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.8 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 04 1' (H256215-17)

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	10/06/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/06/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/06/2025	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	**112**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *80.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.8 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 05 1' (H256215-18)

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	10/06/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/06/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/06/2025	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	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *95.3 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 06 1' (H256215-19)

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	10/06/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/06/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/06/2025	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	**1020**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *88.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 07 1' (H256215-20)

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	10/06/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/06/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/06/2025	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	**720**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *93.9 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 08 1' (H256215-21)

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	10/06/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/06/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/06/2025	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	**320**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *88.2 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 10 1' (H256215-22)

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	10/06/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/06/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/06/2025	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	**368**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *92.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.0 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 12 1' (H256215-23)

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	10/06/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/06/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/06/2025	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	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *90.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.8 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 13 1' (H256215-24)

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	10/06/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/06/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/06/2025	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	**800**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *79.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.9 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 14 1' (H256215-25)

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	10/06/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/06/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/06/2025	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	**864**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *91.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.9 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 15 1' (H256215-26)

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	10/07/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/07/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/07/2025	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	**272**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *91.2 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 16 1' (H256215-27)

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	10/07/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/07/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/07/2025	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	**896**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *82.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 17 1' (H256215-28)

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	10/07/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/07/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/07/2025	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	**720**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *88.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.2 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 18 1' (H256215-29)

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	10/07/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/07/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/07/2025	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	**688**	16.0	10/06/2025	ND	464	116	400	10.9	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *75.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 20 1' (H256215-30)

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	10/07/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/07/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/07/2025	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	**736**	16.0	10/07/2025	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	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *78.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 23 1' (H256215-31)

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	10/07/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/07/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	10/07/2025	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	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *82.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.2 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 24 1' (H256215-32)

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	10/07/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/07/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/07/2025	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	10/07/2025	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	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *80.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.0 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 25 1' (H256215-33)

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	10/07/2025	ND	2.19	110	2.00	17.1	
Toluene*	<0.050	0.050	10/07/2025	ND	2.07	104	2.00	15.0	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.13	106	2.00	11.6	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.46	108	6.00	10.8	
Total BTEX	<0.300	0.300	10/07/2025	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	10/07/2025	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	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *76.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 26 1' (H256215-34)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	**288**	16.0	10/07/2025	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	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *88.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.9 %* *39.9-141*

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Celey D. Keene

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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 27 1' (H256215-35)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	**80.0**	16.0	10/07/2025	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	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *90.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.7 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 28 1' (H256215-36)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	**64.0**	16.0	10/07/2025	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	10/06/2025	ND	177	88.7	200	0.233	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	176	87.9	200	2.90	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *91.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 29 1' (H256215-37)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	**256**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *92.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.3 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 30 1' (H256215-38)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *88.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 31 1' (H256215-39)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *79.0 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 35 1' (H256215-40)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	**640**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *88.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.0 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 37 1' (H256215-41)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	**736**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *84.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.9 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 38 1' (H256215-42)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *87.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.9 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 39 1' (H256215-43)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	**512**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *89.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.2 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 40 1' (H256215-44)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	**736**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *92.7 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 41 1' (H256215-45)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	**352**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *91.9 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 44 1' (H256215-46)

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	10/06/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/06/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/06/2025	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	**416**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *89.6 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 45 1' (H256215-47)

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	10/07/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/07/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/07/2025	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	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *87.8 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 46 1' (H256215-48)

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	10/07/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/07/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/07/2025	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	**480**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *87.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.3 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 47 1' (H256215-49)

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	10/07/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/07/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/07/2025	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	**464**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *73.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 50 1' (H256215-50)

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	10/07/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/07/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/07/2025	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	**416**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *75.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 51 1' (H256215-51)

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	10/07/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/07/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/07/2025	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	**544**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *70.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *61.4 %* *39.9-141*

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Analytical Results For:

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

Received:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 52 1' (H256215-52)

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	10/07/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/07/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/07/2025	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	**672**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *77.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.8 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 55 1' (H256215-53)

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	10/07/2025	ND	1.93	96.3	2.00	17.9	
Toluene*	<0.050	0.050	10/07/2025	ND	2.08	104	2.00	16.9	
Ethylbenzene*	<0.050	0.050	10/07/2025	ND	2.22	111	2.00	16.8	
Total Xylenes*	<0.150	0.150	10/07/2025	ND	6.34	106	6.00	16.5	
Total BTEX	<0.300	0.300	10/07/2025	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	**784**	16.0	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *79.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.0 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 56 1' (H256215-54)

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	10/06/2025	ND	1.93	96.3	2.00	15.7	
Toluene*	<0.050	0.050	10/06/2025	ND	1.90	95.0	2.00	13.5	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.83	91.5	2.00	12.3	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	5.30	88.3	6.00	12.7	
Total BTEX	<0.300	0.300	10/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *87.8 %* *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	10/07/2025	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	10/06/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/06/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane *77.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.2 %* *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:	10/06/2025	Sampling Date:	10/02/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 57 1' (H256215-55)

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	10/06/2025	ND	1.93	96.3	2.00	15.7	
Toluene*	<0.050	0.050	10/06/2025	ND	1.90	95.0	2.00	13.5	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	1.83	91.5	2.00	12.3	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	5.30	88.3	6.00	12.7	
Total BTEX	<0.300	0.300	10/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.9 %* *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	10/07/2025	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	10/07/2025	ND	191	95.3	200	0.504	
DRO >C10-C28*	<10.0	10.0	10/07/2025	ND	206	103	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/07/2025	ND					

Surrogate: 1-Chlorooctane *94.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.3 %* *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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: L. Pullman	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
H256215																	
1	WS25-01 0-1'	C	1			X							10.03.25	8:10	X	X	X
2	WS25-03 0-1'	C	1			X							10.02.25	15:01	X	X	X
3	WS25-04 0-1'	C	1			X							10.02.25	15:06	X	X	X
4	WS25-05 0-1'	C	1			X							10.02.25	15:10	X	X	X
5	WS25-06 0-3'	C	1			X							10.03.25	10:13	X	X	X
6	WS25-07 0-3'	C	1			X							10.03.25	10:18	X	X	X
7	WS25-08 3-4.5'	C	1			X							10.03.25	10:39	X	X	X
8	WS25-10 0-4.5'	C	1			X							10.03.25	10:33	X	X	X
9	WS25-11 0-4.5'	C	1			X							10.03.25	10:47	X	X	X
10	WS25-12 1-4.5'	C	1			X							10.03.25	10:54	X	X	X

ANALYSIS REQUEST

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all - 04024015

Relinquished By: Lakin Pullman	Date: 10-6-25 Time: ~~07:00~~ 1143	Received By: Rodriguez	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Austin Harris (aharris@vertexresource.com), Lakin Pullman (Lpullman@vertexresource.com)
			REMARKS: Direct Bill to EOG Resources Inc. AL 10.06.2025

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.3 Corrected Temp. °C 2.0	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) SR	Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.5°C +0.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: L. Pullman	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
H256215																	
11	WS25-13 0-1'	C	1			X							10.03.25	8:26	X	X	X
12	WS25-14 0-1'	C	1			X							10.03.25	8:44	X	X	X
13	WS25-15 0-1'	C	1			X							10.03.25	8:21	X	X	X
14	BS25-01 1'	C	1			X							10.02.25	13:15	X	X	X
15	BS25-02 1'	C	1			X							10.02.25	13:17	X	X	X
16	BS25-03 1'	C	1			X							10.02.25	13:19	X	X	X
17	BS25-04 1'	C	1			X							10.02.25	13:21	X	X	X
18	BS25-05 1'	C	1			X							10.02.25	13:24	X	X	X
19	BS25-06 1'	C	1			X							10.02.25	13:27	X	X	X
20	BS25-07 1'	C	1			X							10.02.25	13:30	X	X	X

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Relinquished By:	Date: 10-6-2025	Received By:	Verbal Result: ☐ Yes ☐ No — Add'l Phone #:
	Time: 07:00		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Austin Harris (aharris@vertexresource.com), Lakin Pullman (Lpullman@vertexresource.com)
Relinquished By:	Date: 1143	Received By:	REMARKS: Direct Bill to EOG Resources Inc. AL 10.06.2025
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.3 Corrected Temp. °C 2.6	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) SR	Turnaround Time: Standard Rush Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor -0.5°C +0.3 — Bacteria (only) Sample Condition ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: L. Pullman	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
H256215																	
21	BS25-08 1'	C	1			X							10.02.25	13:33	X	X	X
22	BS25-10 1'	C	1			X							10.02.25	13:39	X	X	X
23	BS25-12 1'	C	1			X							10.02.25	13:45	X	X	X
24	BS25-13 1'	C	1			X							10.02.25	13:48	X	X	X
25	BS25-14 1'	C	1			X							10.02.25	13:52	X	X	X
26	BS25-15 1'	C	1			X							10.02.25	13:55	X	X	X
27	BS25-16 1'	C	1			X							10.02.25	13:58	X	X	X
28	BS25-17 1'	C	1			X							10.02.25	14:02	X	X	X
29	BS25-18 1'	C	1			X							10.02.25	14:06	X	X	X
30	BS25-20 1'	C	1			X							10.02.25	14:12	X	X	X

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Relinquished By: Lakin Pullman	Date: 10-6-25 Time: 07:00	Received By: S Rodriguez	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: 1143 Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Austin Harris (aharris@vertexresource.com), Lakin Pullman (Lpullman@vertexresource.com)
			REMARKS: Direct Bill to EOG Resources Inc. AL 10.06.25
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.3 Corrected Temp. °C 2.4	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) SR

Turnaround Time: Standard Rush — Bacteria (only) Sample Condition: Cool Intact — Observed Temp. °C

Thermometer ID #140 — Correction Factor -0.5°C — 10.3 — ☐ Yes ☐ Yes ☐ No ☐ No — Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: L. Pullman	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
H256215																	
31	BS25-23 1'	C	1			X							10.02.25	14:21	X	X	X
32	BS25-24 1'	C	1			X							10.02.25	14:24	X	X	X
33	BS25-25 1'	C	1			X							10.02.25	14:27	X	X	X
34	BS25-26 1'	C	1			X							10.02.25	14:30	X	X	X
35	BS25-27 1'	C	1			X							10.02.25	14:34	X	X	X
36	BS25-28 1'	C	1			X							10.02.25	14:37	X	X	X
37	BS25-29 1'	C	1			X							10.02.25	14:40	X	X	X
38	BS25-30 1'	C	1			X							10.02.25	14:44	X	X	X
39	BS25-31 1'	C	1			X							10.02.25	14:48	X	X	X
40	BS25-35 1'	C	1			X							10.02.25	16:14	X	X	X

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Relinquished By:	Date: 10-6-25 Time: 07:00	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: 1143 Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Austin Harris (aharris@vertexresource.com), Lakin Pullman (Lpullman@vertexresource.com)
			REMARKS: Direct Bill to EOG Resources Inc. AL 10.06.25
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2-3 Corrected Temp. °C 2.6	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard Rush: Bacteria (only) Sample Condition Cool Intact Observed Temp. °C

Thermometer ID 8115 #140 Correction Factor -0.5°C +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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: L. Pullman	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
H256215																	
41	BS25-37 1'	C	1			X							10.02.25	16:23	X	X	X
42	BS25-38 1'	C	1			X							10.02.25	16:27	X	X	X
43	BS25-39 1'	C	1			X							10.02.25	16:30	X	X	X
44	BS25-40 1'	C	1			X							10.02.25	16:33	X	X	X
45	BS25-41 1'	C	1			X							10.02.25	16:38	X	X	X
46	BS25-44 1'	C	1			X							10.02.25	16:51	X	X	X
47	BS25-45 1'	C	1			X							10.02.25	16:55	X	X	X
48	BS25-46 1'	C	1			X							10.02.25	16:58	X	X	X
49	BS25-47 1'	C	1			X							10.02.25	17:04	X	X	X
50	BS25-50 1'	C	1			X							10.02.25	17:16	X	X	X

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Relinquished By:	Date: 10-6-25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 07:00		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Austin Harris (aharris@vertexresource.com), Lakin Pullman (Lpullman@vertexresource.com)
Relinquished By:	Date: 1143	Received By:	REMARKS: Direct Bill to EOG Resources Inc.
	Time:		AL 10.06.2025
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.3 Corrected Temp. °C 2.0	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard (X) Bacteria (only) Sample Condition
Rush: 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

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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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: L. Pullman	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
H256215																	
51	BS25-51 1'	C	1			X							10.02.25	17:31	X	X	X
52	BS25-52 1'	C	1			X							10.02.25	17:34	X	X	X
53	BS25-55 1'	C	1			X							10.02.25	18:00	X	X	X
54	BS25-56 1'	C	1			X							10.02.25	18:05	X	X	X
55	BS25-57 1'	C	1			X							10.02.25	18:09	X	X	X

ANALYSIS REQUEST

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Relinquished By: Lakin Pullman	Date: 10-6-25 Time: 0700	Received By: Shad Bigsby	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: 1143 Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Austin Harris (aharris@vertexresource.com), Lakin Pullman (Lpullman@vertexresource.com)
			REMARKS: Direct Bill to EOG Resources Inc. AL 10.06.2025
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.3 Corrected Temp. °C 2.0	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) SR

Turnaround Time: Standard Rush 24hrs Bacteria (only) Sample Condition Cool Intact Observed Temp. °C

Thermometer ID #119 Correction Factor -0.5°C #140 10.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CARDINAL Laboratories

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

October 13, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PADRON AST

Enclosed are the results of analyses for samples received by the laboratory on 10/07/25 15:14.

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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 58 1' (H256267-01)

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	10/08/2025	ND	1.81	90.7	2.00	1.11	
Toluene*	<0.050	0.050	10/08/2025	ND	1.89	94.7	2.00	0.564	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.91	95.7	2.00	0.462	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.94	98.9	6.00	0.840	
Total BTEX	<0.300	0.300	10/08/2025	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	**336**	16.0	10/08/2025	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	10/08/2025	ND	197	98.4	200	0.0249	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	226	113	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *67.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *61.7 %* *39.9-141*

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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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 59 1' (H256267-02)

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	10/08/2025	ND	1.81	90.7	2.00	1.11	
Toluene*	<0.050	0.050	10/08/2025	ND	1.89	94.7	2.00	0.564	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.91	95.7	2.00	0.462	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.94	98.9	6.00	0.840	
Total BTEX	<0.300	0.300	10/08/2025	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	**1380**	16.0	10/08/2025	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	10/08/2025	ND	197	98.4	200	0.0249	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	226	113	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *70.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *64.7 %* *39.9-141*

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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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 60 1' (H256267-03)

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	10/08/2025	ND	1.81	90.7	2.00	1.11	
Toluene*	<0.050	0.050	10/08/2025	ND	1.89	94.7	2.00	0.564	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.91	95.7	2.00	0.462	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.94	98.9	6.00	0.840	
Total BTEX	<0.300	0.300	10/08/2025	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	**928**	16.0	10/08/2025	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	10/08/2025	ND	197	98.4	200	0.0249	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	226	113	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *62.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *55.4 %* *39.9-141*

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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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 61 1' (H256267-04)

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	10/08/2025	ND	1.81	90.7	2.00	1.11	
Toluene*	<0.050	0.050	10/08/2025	ND	1.89	94.7	2.00	0.564	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.91	95.7	2.00	0.462	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.94	98.9	6.00	0.840	
Total BTEX	<0.300	0.300	10/08/2025	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	10/08/2025	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	10/08/2025	ND	197	98.4	200	0.0249	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	226	113	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *67.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *61.5 %* *39.9-141*

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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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 62 1' (H256267-05)

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	10/08/2025	ND	1.81	90.7	2.00	1.11	
Toluene*	<0.050	0.050	10/08/2025	ND	1.89	94.7	2.00	0.564	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.91	95.7	2.00	0.462	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.94	98.9	6.00	0.840	
Total BTEX	<0.300	0.300	10/08/2025	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	**1070**	16.0	10/08/2025	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	10/08/2025	ND	197	98.4	200	0.0249	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	226	113	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *71.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *65.3 %* *39.9-141*

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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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 63 1' (H256267-06)

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	10/08/2025	ND	1.81	90.7	2.00	1.11	
Toluene*	<0.050	0.050	10/08/2025	ND	1.89	94.7	2.00	0.564	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.91	95.7	2.00	0.462	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.94	98.9	6.00	0.840	
Total BTEX	<0.300	0.300	10/08/2025	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	**944**	16.0	10/08/2025	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	10/08/2025	ND	197	98.4	200	0.0249	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	226	113	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *66.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *59.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 64 1' (H256267-07)

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	10/08/2025	ND	1.81	90.7	2.00	1.11	
Toluene*	<0.050	0.050	10/08/2025	ND	1.89	94.7	2.00	0.564	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.91	95.7	2.00	0.462	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.94	98.9	6.00	0.840	
Total BTEX	<0.300	0.300	10/08/2025	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	**960**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *76.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 66 1' (H256267-08)

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	10/08/2025	ND	1.81	90.7	2.00	1.11	
Toluene*	<0.050	0.050	10/08/2025	ND	1.89	94.7	2.00	0.564	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.91	95.7	2.00	0.462	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.94	98.9	6.00	0.840	
Total BTEX	<0.300	0.300	10/08/2025	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	**800**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *75.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 67 1' (H256267-09)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.2 %* *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	**416**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *71.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.4 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 70 1' (H256267-10)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.8 %* *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	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *70.5 %* *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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 71 1' (H256267-11)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	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	**704**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *72.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.2 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 72 1' (H256267-12)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.5 %* *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	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *79.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.3 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 73 1' (H256267-13)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *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	**544**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *71.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.0 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 74 1' (H256267-14)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.7 %* *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	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *70.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.1 %* *39.9-141*

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Mike Snyder For 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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 75 1' (H256267-15)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.9 %* *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	**912**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *72.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 76 3' (H256267-16)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	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	**688**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *67.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *66.3 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 77 3' (H256267-17)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	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	**432**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *62.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *60.4 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 78 3' (H256267-18)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.2 %* *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	**656**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *70.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.3 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 79 3' (H256267-19)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.8 %* *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	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *69.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *66.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 80 3' (H256267-20)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	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	**352**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *64.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *61.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 81 3' (H256267-21)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	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	**768**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *60.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *57.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 82 3' (H256267-22)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	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	**432**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *69.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.5 %* *39.9-141*

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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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 83 3' (H256267-23)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.1 %* *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	**272**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *68.3 %* *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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 84 3' (H256267-24)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	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	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *72.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.4 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 85 3' (H256267-25)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	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	**208**	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *68.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *66.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 86 3' (H256267-26)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	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	<16.0	16.0	10/08/2025	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	10/08/2025	ND	211	105	200	6.53	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	220	110	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *69.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 87 3' (H256267-27)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	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	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *87.9 %* *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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 88 4.5' (H256267-28)

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	10/08/2025	ND	2.01	101	2.00	3.59	
Toluene*	<0.050	0.050	10/08/2025	ND	1.99	99.4	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.01	100	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.69	94.8	6.00	2.54	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *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	**1120**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *85.3 %* *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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 89 4.5' (H256267-29)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.1 %* *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	**1150**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *81.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.6 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 90 4.5' (H256267-30)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *85.3 %* *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	**1010**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *86.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 91 4.5' (H256267-31)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *89.3 %* *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	**736**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *88.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.0 %* *39.9-141*

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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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 92 4.5' (H256267-32)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.7 %* *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	**880**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *84.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 93 4.5' (H256267-33)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.2 %* *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	**608**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *89.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 94 4.5' (H256267-34)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *87.6 %* *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	**736**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *80.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 95 4.5' (H256267-35)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.8 %* *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	**864**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *79.3 %* *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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 96 4.5' (H256267-36)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.8 %* *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	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *83.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 97 4.5' (H256267-37)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.5 %* *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	**464**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *81.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 98 4.5' (H256267-38)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.2 %* *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	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *88.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 99 4.5' (H256267-39)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *87.5 %* *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	**256**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *88.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.4 %* *39.9-141*

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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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 100 1' (H256267-40)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.0 %* *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	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *81.3 %* *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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 101 1' (H256267-41)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *86.6 %* *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	**1360**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *81.1 %* *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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 103 1' (H256267-42)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *89.3 %* *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	**464**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *75.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 104 1' (H256267-43)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *87.4 %* *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	**384**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *76.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.8 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 105 1' (H256267-44)

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	10/08/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/08/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *89.4 %* *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	**688**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *76.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 106 1' (H256267-45)

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	10/09/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/09/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/09/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/09/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/09/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *86.7 %* *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	**464**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *73.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.4 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 108 1' (H256267-46)

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	10/09/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/09/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/09/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/09/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/09/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *89.2 %* *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	**896**	16.0	10/08/2025	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	10/08/2025	ND	222	111	200	0.350	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	205	103	200	0.0409	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *81.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 109 1' (H256267-47)

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	10/09/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/09/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/09/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/09/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/09/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *89.2 %* *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	**880**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *72.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.0 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 110 1' (H256267-48)

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	10/09/2025	ND	1.76	88.0	2.00	0.0453	
Toluene*	<0.050	0.050	10/09/2025	ND	1.78	89.1	2.00	3.01	
Ethylbenzene*	<0.050	0.050	10/09/2025	ND	1.83	91.5	2.00	4.07	
Total Xylenes*	<0.150	0.150	10/09/2025	ND	5.80	96.7	6.00	4.81	
Total BTEX	<0.300	0.300	10/09/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *85.4 %* *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	**1200**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *72.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.1 %* *39.9-141*

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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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 114 1' (H256267-49)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	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	**400**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *72.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 115 1' (H256267-50)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	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	**1220**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *71.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 116 1' (H256267-51)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	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	**1230**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *71.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.3 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 117 1' (H256267-52)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	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	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *67.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 120 1' (H256267-53)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	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	**912**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *68.4 %* *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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 121 1' (H256267-54)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	**256**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *71.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.4 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 122 1' (H256267-55)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**624**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *67.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 123 1' (H256267-56)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	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	**1280**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *71.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.4 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 124 1' (H256267-57)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *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	**928**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *74.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 125 1' (H256267-58)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	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	**1330**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *76.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.4 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 126 1' (H256267-59)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *72.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 127 1' (H256267-60)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *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	**1300**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *72.5 %* *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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 128 1' (H256267-61)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	**624**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *68.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.6 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 129 1' (H256267-62)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	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	**1250**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *69.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.6 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 130 1' (H256267-63)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**768**	16.0	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *67.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.0 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 131 1' (H256267-64)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *66.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *65.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 132 1' (H256267-65)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *74.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.4 %* *39.9-141*

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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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 133 1' (H256267-66)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *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	10/08/2025	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	10/08/2025	ND	185	92.7	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	193	96.3	200	0.499	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *67.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *66.4 %* *39.9-141*

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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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 134 1' (H256267-67)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	10/08/2025	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	10/08/2025	ND	210	105	200	0.321	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	209	104	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *83.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.9 %* *39.9-141*

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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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 135 1' (H256267-68)

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	10/08/2025	ND	2.15	108	2.00	2.69	
Toluene*	<0.050	0.050	10/08/2025	ND	2.19	110	2.00	2.97	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.28	114	2.00	3.43	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.91	115	6.00	3.36	
Total BTEX	<0.300	0.300	10/08/2025	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	**32.0**	16.0	10/08/2025	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	10/08/2025	ND	210	105	200	0.321	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	209	104	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *83.5 %* *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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 136 1' (H256267-69)

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	10/08/2025	ND	1.78	89.2	2.00	5.25	
Toluene*	<0.050	0.050	10/08/2025	ND	1.94	97.2	2.00	4.21	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.03	101	2.00	2.20	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.49	108	6.00	2.15	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.1 %* *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	**800**	16.0	10/08/2025	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	10/08/2025	ND	210	105	200	0.321	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	209	104	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *83.9 %* *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:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 137 1' (H256267-70)

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	10/08/2025	ND	1.78	89.2	2.00	5.25	
Toluene*	<0.050	0.050	10/08/2025	ND	1.94	97.2	2.00	4.21	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.03	101	2.00	2.20	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.49	108	6.00	2.15	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *89.9 %* *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	10/08/2025	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	10/08/2025	ND	210	105	200	0.321	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	209	104	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *85.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/07/2025	Sampling Date:	10/03/2025
Reported:	10/13/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 138 1' (H256267-71)

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	10/08/2025	ND	1.78	89.2	2.00	5.25	
Toluene*	<0.050	0.050	10/08/2025	ND	1.94	97.2	2.00	4.21	
Ethylbenzene*	<0.050	0.050	10/08/2025	ND	2.03	101	2.00	2.20	
Total Xylenes*	<0.150	0.150	10/08/2025	ND	6.49	108	6.00	2.15	
Total BTEX	<0.300	0.300	10/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *89.3 %* *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	**768**	16.0	10/08/2025	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	10/08/2025	ND	210	105	200	0.321	
DRO >C10-C28*	<10.0	10.0	10/08/2025	ND	209	104	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	10/08/2025	ND					

Surrogate: 1-Chlorooctane *82.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.9 %* *39.9-141*

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Mike Snyder For 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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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)		**BILL TO**	
Project Manager: Chance Dixon		P.O. #:	
Address: 3101 Boyd Drive		Company: EOG Resources	
City: Carlsbad State: NM	Zip: 88220	Attn: Chase Settle	
Phone #: 575.725.5001	Fax #:	Address: 5509 Champions Dr.	
Project #: 25A-03091	Project Owner: EOG	City: Midland	
Project Name: Padron AST		State: TX Zip: 79706	
Project Location:		Phone #: 575-703-6537	
Sampler Name: L. Pullman		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
H2516267																	
1	BS25-58 1'	C	1			X							10.03.25	8:50	X	X	X
2	BS25-59 1'	C	1			X							10.03.25	8:53	X	X	X
3	BS25-60 1'	C	1			X							10.03.25	8:56	X	X	X
4	BS25-61 1'	C	1			X							10.03.25	8:59	X	X	X
5	BS25-62 1'	C	1			X							10.03.25	9:04	X	X	X
6	BS25-63 1'	C	1			X							10.03.25	9:08	X	X	X
7	BS25-64 1'	C	1			X							10.03.25	9:12	X	X	X
8	BS25-66 1'	C	1			X							10.03.25	9:21	X	X	X
9	BS25-67 1'	C	1			X							10.03.25	9:25	X	X	X
10	BS25-70 1'	C	1			X							10.03.25	9:36	X	X	X

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0402401K

Relinquished By:	Date: 10.07.25 Time: 1514	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 2.1 Corrected Temp. °C 2.4	Sample Condition Cool: Yes ☑ Intact: Yes ☑ / No ☐	CHECKED BY: (Initials) AD	Turnaround Time: Standard ☒ Rush ☐ Bacteria (only) Sample Condition 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: 12/24/2025 8:12:15 AM

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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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)		**BILL TO**	
Project Manager: Chance Dixon		P.O. #:	
Address: 3101 Boyd Drive		Company: EOG Resources	
City: Carlsbad	State: NM Zip: 88220	Attn: Chase Settle	
Phone #:	575.725.5001 Fax #:	Address: 5509 Champions Dr.	
Project #: 25A-03091	Project Owner: EOG	City: Midland	
Project Name: Padron AST		State: TX Zip: 79706	
Project Location:		Phone #: 575-703-6537	
Sampler Name: L. Pullman		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
H25026																	
11	BS25-71 1'	C	1			X							10.03.25	9:40	X	X	X
12	BS25-72 1'	C	1			X							10.03.25	9:43	X	X	X
13	BS25-73 1'	C	1			X							10.03.25	9:47	X	X	X
14	BS25-74 1'	C	1			X							10.03.25	9:50	X	X	X
15	BS25-75 1'	C	1			X							10.03.25	9:53	X	X	X
16	BS25-76 3'	C	1			X							10.03.25	11:00	X	X	X
17	BS25-77 3'	C	1			X							10.03.25	11:04	X	X	X
18	BS25-78 3'	C	1			X							10.03.25	11:09	X	X	X
19	BS25-79 3'	C	1			X							10.03.25	11:13	X	X	X
20	BS25-80 3'	C	1			X							10.03.25	11:16	X	X	X

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0402401K

Relinquished By:	Date: 10.07.25 Time: 1514	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 2.1 Corrected Temp. °C 2.4	Sample Condition Cool: Yes 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

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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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: L. Pullman	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
H256267																	
21	BS25-81 3'	C	1			X							10.03.25	11:30	X	X	X
22	BS25-82 3'	C	1			X							10.03.25	11:34	X	X	X
23	BS25-83 3'	C	1			X							10.03.25	11:38	X	X	X
24	BS25-84 3'	C	1			X							10.03.25	11:42	X	X	X
25	BS25-85 3'	C	1			X							10.03.25	11:50	X	X	X
26	BS25-86 3'	C	1			X							10.03.25	11:55	X	X	X
27	BS25-87 3'	C	1			X							10.03.25	12:00	X	X	X
28	BS25-88 4.5'	C	1			X							10.03.25	12:04	X	X	X
29	BS25-89 4.5'	C	1			X							10.03.25	12:10	X	X	X
30	BS25-90 4.5'	C	1			X							10.03.25	12:14	X	X	X

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Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources Inc.

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.1 Corrected Temp. °C 2.4	Sample Condition Cool Intact ☐ Yes ☒ Yes ☐ No ☐ No	CHECKED BY: (Initials) AR	Turnaround Time: Standard ☒ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.3°C +1.0 +0.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CARDINAL Laboratories

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: L. Pullman	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									
H256267																										
31	BS25-91 4.5'	C	1			X							10.03.25	12:19	X	X	X									
32	BS25-92 4.5'	C	1			X							10.03.25	12:22	X	X	X									
33	BS25-93 4.5'	C	1			X							10.03.25	12:30	X	X	X									
34	BS25-94 4.5'	C	1			X							10.03.25	12:37	X	X	X									
35	BS25-95 4.5'	C	1			X							10.03.25	12:43	X	X	X									
36	BS25-96 4.5'	C	1			X							10.03.25	12:48	X	X	X									
37	BS25-97 4.5'	C	1			X							10.03.25	12:52	X	X	X									
38	BS25-98 4.5'	C	1			X							10.03.25	13:04	X	X	X									
39	BS25-99 4.5'	C	1			X							10.03.25	13:17	X	X	X									
40	BS25-100 1'	C	1			X							10.03.25	13:58	X	X	X									

ANALYSIS REQUEST

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04024011K

Relinquished By:	Date: 10.07.25 Time: 1514	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 2.1 Corrected Temp. °C 2.4	Sample Condition Cool: Yes / No Intact: Yes / No	CHECKED BY: (Initials) AD	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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: L. Pullman	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
H256267											4						
41	BS25-101 1'	C	1			X							10.03.25	14:01	X	X	X
42	BS25-103 1'	C	1			X							10.03.25	14:09	X	X	X
43	BS25-104 1'	C	1			X							10.03.25	14:13	X	X	X
44	BS25-105 1'	C	1			X							10.03.25	14:17	X	X	X
45	BS25-106 1'	C	1			X							10.03.25	14:21	X	X	X
46	BS25-108 1'	C	1			X							10.03.25	14:29	X	X	X
47	BS25-109 1'	C	1			X							10.03.25	14:32	X	X	X
48	BS25-110 1'	C	1			X							10.03.25	14:36	X	X	X
49	BS25-114 1'	C	1			X							10.03.25	14:50	X	X	X
50	BS25-115 1'	C	1			X							10.03.25	14:53	X	X	X

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D402401K

Relinquished By:	Date: 10.07.25 Time: 1514	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 2.1 Corrected Temp. °C 2.4	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials) AD	Turnaround Time: Standard X 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

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CARDINAL Laboratories

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(575) 393-2326 FAX (575) 393-2476

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)		**BILL TO**	
Project Manager: Chance Dixon		P.O. #:	
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City: Carlsbad	State: NM Zip: 88220	Attn: Chase Settle	
Phone #:	575.725.5001 Fax #:	Address: 5509 Champions Dr.	
Project #: 25A-03091	Project Owner: EOG	City: Midland	
Project Name: Padron AST		State: TX Zip: 79706	
Project Location:		Phone #: 575-703-6537	
Sampler Name: L. Pullman		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[illegible]07																	
51	BS25-116 1'	C	1			X							10.03.25	14:57	X	X	X
52	BS25-117 1'	C	1			X							10.03.25	15:01	X	X	X
53	BS25-120 1'	C	1			X							10.03.25	15:15	X	X	X
54	BS25-121 1'	C	1			X							10.03.25	15:34	X	X	X
55	BS25-122 1'	C	1			X							10.03.25	15:38	X	X	X
56	BS25-123 1'	C	1			X							10.03.25	15:43	X	X	X
57	BS25-124 1'	C	1			X							10.03.25	15:51	X	X	X
58	BS25-125 1'	C	1			X							10.03.25	15:57	X	X	X
59	BS25-126 1'	C	1			X							10.03.25	16:01	X	X	X
60	BS25-127 1'	C	1			X							10.03.25	16:05	X	X	X

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04024011K

Relinquished By:	Date: 10.07.25 Time: 1514	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 2.1 Corrected Temp. °C 2.4	Sample Condition Cool: Yes / Intact: Yes; No / No	CHECKED BY: (Initials) AD	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

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H25U267																											
01	BS25-128 1'	C	1			X							10.03.25	16:10	X	X	X										
02	BS25-129 1'	C	1			X							10.03.25	16:15	X	X	X										
03	BS25-130 1'	C	1			X							10.03.25	16:20	X	X	X										
04	BS25-131 1'	C	1			X							10.03.25	16:25	X	X	X										
05	BS25-132 1'	C	1			X							10.03.25	16:30	X	X	X										
06	BS25-133 1'	C	1			X							10.03.25	16:54	X	X	X										
07	BS25-134 1'	C	1			X							10.03.25	16:57	X	X	X										
08	BS25-135 1'	C	1			X							10.03.25	16:47	X	X	X										
09	BS25-136 1'	C	1			X							10.03.25	16:42	X	X	X										
10	BS25-137 1'	C	1			X							10.03.25	16:37	X	X	X										

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Relinquished By:	Date:	Received By:	REMARKS: Direct Bill to EOG Resources Inc.
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.1 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 -0.3°C +0.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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Sampler Name: L. Pullman		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
H25626471	BS25-138 1'	C	1			X							10.03.25	16:34	X	X	X

ANALYSIS REQUEST

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CARDINAL Laboratories

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

October 17, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PADRON AST

Enclosed are the results of analyses for samples received by the laboratory on 10/13/25 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

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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 17 1-2' (H256397-02)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	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	10/14/2025	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	10/13/2025	ND	219	110	200	1.43	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	209	105	200	0.490	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane *91.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.5 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 19 1-2' (H256397-03)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	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	**624**	16.0	10/14/2025	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	10/13/2025	ND	219	110	200	1.43	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	209	105	200	0.490	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane *94.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.6 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 139 1' (H256397-04)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	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	**272**	16.0	10/14/2025	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	10/13/2025	ND	219	110	200	1.43	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	209	105	200	0.490	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane *90.7 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 140 1' (H256397-05)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	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	**64.0**	16.0	10/14/2025	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	10/13/2025	ND	219	110	200	1.43	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	209	105	200	0.490	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane *97.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.2 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 141 1' (H256397-06)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	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	**32.0**	16.0	10/14/2025	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	10/13/2025	ND	219	110	200	1.43	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	209	105	200	0.490	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane *87.2 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 142 1' (H256397-07)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *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	10/14/2025	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	10/13/2025	ND	219	110	200	1.43	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	209	105	200	0.490	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane *82.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.8 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 144 1' (H256397-09)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	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	**1040**	16.0	10/14/2025	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	10/13/2025	ND	219	110	200	1.43	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	209	105	200	0.490	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane *97.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.9 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 145 1' (H256397-10)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	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	**352**	16.0	10/14/2025	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	10/13/2025	ND	219	110	200	1.43	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	209	105	200	0.490	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane *94.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.1 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 146 1' (H256397-11)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.9 %* *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	10/14/2025	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	10/13/2025	ND	219	110	200	1.43	
DRO >C10-C28*	<10.0	10.0	10/13/2025	ND	209	105	200	0.490	
EXT DRO >C28-C36	<10.0	10.0	10/13/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *101 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 151 1' (H256397-14)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	10/14/2025	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	10/14/2025	ND	195	97.7	200	6.76	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	202	101	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *81.5 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 152 1' (H256397-15)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	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	**192**	16.0	10/14/2025	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	10/14/2025	ND	195	97.7	200	6.76	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	202	101	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *93.0 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 155 1' (H256397-17)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *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	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *77.6 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 156 1' (H256397-18)

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	10/14/2025	ND	2.27	114	2.00	2.54	
Toluene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	0.567	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.20	110	2.00	1.04	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.62	110	6.00	0.808	
Total BTEX	<0.300	0.300	10/14/2025	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	**112**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *86.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.4 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 160 1' (H256397-19)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**480**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *71.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *65.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 161 1' (H256397-20)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *83.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.6 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 176 1' (H256397-24)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**464**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *85.4 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 183 1' (H256397-28)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *75.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.0 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 185 1' (H256397-30)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**832**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *80.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 186 1' (H256397-31)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**144**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *76.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 191 1' (H256397-35)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**96.0**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *78.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.2 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 192 1' (H256397-36)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**544**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *82.5 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 196 1' (H256397-39)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**304**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *68.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *61.8 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 212 1' (H256397-45)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**432**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *73.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.0 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 213 1' (H256397-46)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**512**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *75.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.6 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 214 1' (H256397-47)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**464**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *71.2 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 215 1' (H256397-48)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.8 %* *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	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *76.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.0 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 216 1' (H256397-49)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *76.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.6 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 219 1' (H256397-51)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *81.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.6 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 220 1' (H256397-52)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**416**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *74.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *66.2 %* *39.9-141*

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Celey D. Keene

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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 221 1' (H256397-53)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**320**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *82.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 222 1' (H256397-54)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**96.0**	16.0	10/14/2025	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	10/14/2025	ND	174	87.0	200	9.61	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	9.52	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *78.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.4 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 224 1' (H256397-56)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**416**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *80.6 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 230 1' (H256397-57)

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	10/14/2025	ND	1.66	83.2	2.00	12.7	
Toluene*	<0.050	0.050	10/14/2025	ND	1.67	83.5	2.00	15.7	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.69	84.4	2.00	17.3	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.09	84.8	6.00	15.8	
Total BTEX	<0.300	0.300	10/14/2025	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	**528**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *73.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 231 1' (H256397-58)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**208**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *86.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.3 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 233 1' (H256397-60)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**352**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *81.3 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 234 1' (H256397-61)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**240**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *88.6 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 241 1' (H256397-62)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**496**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *88.8 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 242 1' (H256397-63)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**144**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *88.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 243 1' (H256397-64)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *89.2 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 244 1' (H256397-65)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *72.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.6 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 251 1' (H256397-66)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *81.4 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 252 1' (H256397-67)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**176**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *68.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *62.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 253 1' (H256397-68)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *66.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *61.2 %* *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:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 254 1' (H256397-69)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**80.0**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *76.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 262 1' (H256397-72)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**336**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *74.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 263 1' (H256397-73)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**176**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *70.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *65.3 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/10/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 264 1' (H256397-74)

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	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**288**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *80.4 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 274 1' (H256397-79)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**560**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *77.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.9 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 279 1' (H256397-81)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**624**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *72.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *68.2 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 288 1' (H256397-84)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**576**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *80.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 291 1' (H256397-86)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**480**	16.0	10/14/2025	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	10/14/2025	ND	210	105	200	0.573	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	205	103	200	6.54	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *76.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.3 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 293 1' (H256397-88)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**288**	16.0	10/14/2025	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *97.8 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 295 1' (H256397-90)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2025	ND	1.80	90.1	2.00	7.08	
Toluene*	<0.050	0.050	10/14/2025	ND	1.83	91.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	1.82	91.0	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	5.64	93.9	6.00	3.13	
Total BTEX	<0.300	0.300	10/14/2025	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	**512**	16.0	10/14/2025	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.4 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: ~~L. Pullman~~ A Ludvik 10.13.25 AL	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
H256397																		Hold added 10/13/25 TR
1	WS25-16 1-2'	C	1			X							10.09.25	11:00	X	X	X	
2	WS25-17 1-2'	C	1			X							10.09.25	11:05	X	X	X	
3	WS25-19 1-2'	C	1			X							10.09.25	11:20	X	X	X	
4	BS25-139 1'	C	1			X							10.09.25	13:25	X	X	X	
5	BS25-140 1'	C	1			X							10.09.25	13:35	X	X	X	
6	BS25-141 1'	C	1			X							10.09.25	13:38	X	X	X	
7	BS25-142 1'	C	1			X							10.09.25	13:42	X	X	X	
8	BS25-143 1'	C	1			X							10.09.25	13:45	X	X	X	✓
9	BS25-144 1'	C	1			X							10.09.25	13:48	X	X	X	
10	BS25-145 1'	C	1			X							10.09.25	13:50	X	X	X	

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Relinquished By:	Date: 10.13.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1215		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 1.4 Corrected Temp. °C 1.7	Sample Condition Cool: ☒ Yes Intact: ☒ Yes ☐ No ☐ 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 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: ~~L. Pullman~~ A Ludvik 10.13.25 AL	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
H256397																		Holding added 10/13 TO.
11	BS25-146 1'	C	1			X							10.09.25	13:53	X	X	X	
12	BS25-147 1'	C	1			X							10.09.25	13:55	X	X	X	✓
13	BS25-148 1'	C	1			X							10.09.25	13:58	X	X	X	✓
14	BS25-151 1'	C	1			X							10.09.25	14:05	X	X	X	
15	BS25-152 1'	C	1			X							10.09.25	14:10	X	X	X	
16	BS25-153 1'	C	1			X							10.09.25	14:13	X	X	X	✓
17	BS25-155 1'	C	1			X							10.09.25	14:18	X	X	X	
18	BS25-156 1'	C	1			X							10.09.25	14:25	X	X	X	
19	BS25-160 1'	C	1			X							10.09.25	14:35	X	X	X	
20	BS25-161 1'	C	1			X							10.09.25	14:38	X	X	X	

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Relinquished By:	Date: 101325	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1215		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 1.4 Corrected Temp. °C 1.7	Sample Condition Cool: ☑ Yes Intact: ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials) AD	Turnaround Time: Standard ☒ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C Thermometer ID #13 #140 Correction Factor -0.5°C +0.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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(575) 393-2326 FAX (575) 393-2476

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: ~~L. Pullman~~ A Ludvik 10.13.25 AL	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
H256397																		Hold added 10/13/25 CHO
21	BS25-171 1'	C	1			X							10.09.25	15:05	X	X	X	✓
22	BS25-172 1'	C	1			X							10.09.25	15:08	X	X	X	✓
23	BS25-175 1'	C	1			X							10.09.25	15:15	X	X	X	✓
24	BS25-176 1'	C	1			X							10.09.25	15:18	X	X	X	
25	BS25-178 1'	C	1			X							10.09.25	15:25	X	X	X	✓
26	BS25-179 1'	C	1			X							10.09.25	15:33	X	X	X	✓
27	BS25-182 1'	C	1			X							10.09.25	15:40	X	X	X	✓
28	BS25-183 1'	C	1			X							10.09.25	15:43	X	X	X	
29	BS25-184 1'	C	1			X							10.09.25	15:45	X	X	X	✓
30	BS25-185 1'	C	1			X							10.09.25	15:48	X	X	X	

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Relinquished By:	Date: 101325 Time: 1215	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@vertexresource.com)
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.4 Corrected Temp. °C 1.7	Sample Condition Cool: ☒ Yes ☐ No Intact: ☒ Yes ☐ No	CHECKED BY: (Initials) AP

REMARKS: Direct Bill to EOG Resources Inc.

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

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: ~~L. Pullman~~ A Ludvik 10.13.25 AL	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: Holdadded 10/13/25 TR
H256397																		
31	BS25-186 1'	C	1			X							10.09.25	15:50	X	X	X	✓
32	BS25-188 1'	C	1			X							10.09.25	15:58	X	X	X	✓
33	BS25-189 1'	C	1			X							10.10.25	10:00	X	X	X	✓
34	BS25-190 1'	C	1			X							10.10.25	10:02	X	X	X	✓
35	BS25-191 1'	C	1			X							10.10.25	10:05	X	X	X	
36	BS25-192 1'	C	1			X							10.10.25	10:08	X	X	X	
37	BS25-194 1'	C	1			X							10.10.25	10:15	X	X	X	✓
38	BS25-195 1'	C	1			X							10.10.25	10:20	X	X	X	✓
39	BS25-196 1'	C	1			X							10.10.25	10:25	X	X	X	✓
40	BS25-197 1'	C	1			X							10.10.25	10:30	X	X	X	✓

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Relinquished By:	Date: 10.13.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1215		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 1.4 / 1.7 Corrected Temp. °C	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 Correction Factor -0.3°C #140 +0.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: ~~L. Pellman~~ A.Ludvik 10.13.25 AL	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
H256397																		Hold added 10/13/25 TP
41	BS25-198 1'	C	1			X							10.10.25	10:35	X	X	X	✓
42	BS25-202 1'	C	1			X							10.10.25	10:55	X	X	X	✓
43	BS25-203 1'	C	1			X							10.10.25	11:00	X	X	X	✓
44	BS25-206 1'	C	1			X							10.10.25	11:15	X	X	X	✓
45	BS25-212 1'	C	1			X							10.10.25	12:10	X	X	X	
46	BS25-213 1'	C	1			X							10.10.25	12:15	X	X	X	
47	BS25-214 1'	C	1			X							10.10.25	12:18	X	X	X	
48	BS25-215 1'	C	1			X							10.10.25	12:20	X	X	X	
49	BS25-216 1'	C	1			X							10.10.25	12:22	X	X	X	
50	BS25-218 1'	C	1			X							10.10.25	12:28	X	X	X	✓

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Relinquished By:	Date: 10.13.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1215		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 1.4 / Corrected Temp. °C 1.7	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 +0.3 ☐ 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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: ~~L. Pullman~~ A Ludvik 10.13.25 AL	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: Holdadded 10/13/25 TC
H256397-51	BS25-219 1'	C	1			X							10.10.25	12:30	X	X	X	
52	BS25-220 1'	C	1			X							10.10.25	12:33	X	X	X	
53	BS25-221 1'	C	1			X							10.10.25	12:35	X	X	X	
54	BS25-222 1'	C	1			X							10.10.25	12:38	X	X	X	
55	BS25-223 1'	C	1			X							10.10.25	12:40	X	X	X	✓
56	BS25-224 1'	C	1			X							10.10.25	12:43	X	X	X	
57	BS25-230 1'	C	1			X							10.10.25	13:52	X	X	X	
58	BS25-231 1'	C	1			X							10.10.25	14:00	X	X	X	✓
59	BS25-232 1'	C	1			X							10.10.25	14:03	X	X	X	
60	BS25-233 1'	C	1			X							10.10.25	14:05	X	X	X	

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Relinquished By:	Date: 10.13.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1215		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 1.4 2 Corrected Temp. °C 1.7	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 +0.3 ☐ 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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: ~~L. Pullman~~ A Ludvik 10.13.25 AL	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	Hold added per AL 10/13/25
H256397																		
61	BS25-234 1'	C	1			X							10.10.25	14:08	X	X	X	
62	BS25-241 1'	C	1			X							10.10.25	14:33	X	X	X	
63	BS25-242 1'	C	1			X							10.10.25	14:35	X	X	X	
64	BS25-243 1'	C	1			X							10.10.25	14:40	X	X	X	
65	BS25-244 1'	C	1			X							10.10.25	14:42	X	X	X	
66	BS25-251 1'	C	1			X							10.10.25	15:10	X	X	X	
67	BS25-252 1'	C	1			X							10.10.25	15:13	X	X	X	
68	BS25-253 1'	C	1			X							10.10.25	15:18	X	X	X	
69	BS25-254 1'	C	1			X							10.10.25	15:22	X	X	X	
70	BS25-259 1'	C	1			X							10.10.25	15:35	X	X	X	✓

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Relinquished By:	Date: 10.13.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1815		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 1.4 / 1.7 Corrected Temp. °C	Sample Condition Cool: Yes / No Intact: Yes / No	CHECKED BY: (Initials) AD	Turnaround Time: Standard ☒ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.3°C +2.3 Yes / No Yes / No Corrected Temp. °C

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)
Project Manager: Chance Dixon
Address: 3101 Boyd Drive
City: Carlsbad State: NM Zip: 88220
Phone #: 575.725.5001 Fax #:
Project #: 25A-03091 Project Owner: EOG
Project Name: Padron AST
Project Location:
Sampler Name: ~~L. Pullman~~ A Ludvik 10.13.25 AL

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:8015D(GRO / DRO / MRO)	Chloride	Halls added 10/13/25 TP
H256397																		
71	BS25-261 1'	C	1			X							10.10.25	15:40	X	X	X	✓
72	BS25-262 1'	C	1			X							10.10.25	15:43	X	X	X	
73	BS25-263 1'	C	1			X							10.10.25	15:45	X	X	X	
74	BS25-264 1'	C	1			X							10.10.25	15:48	X	X	X	
75	BS25-265 1'	C	1			X							10.10.25	15:50	X	X	X	✓
76	BS25-267 1'	C	1			X							10.10.25	15:54	X	X	X	✓
77	BS25-268 1'	C	1			X							10.10.25	15:56	X	X	X	✓
78	BS25-269 1'	C	1			X							10.10.25	15:58	X	X	X	✓
79	BS25-274 1'	C	1			X							10.11.25	9:05	X	X	X	
80	BS25-275 1'	C	1			X							10.11.25	9:08	X	X	X	✓

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Relinquished By:	Date: 10.13.25	Received By:	Verbal Result: ☐ Yes ☐ No — Add'l Phone #:
	Time: 12:15		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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
Corrected Temp. °C 1.4 / 1.7

Sample Condition: Cool ☑ Yes ☐ No — Intact ☑ Yes ☐ No

CHECKED BY: (Initials) AR

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

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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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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	Hold added 10/13/25
H256397																		
81	BS25-279 1'	C	1			X							10.11.25	9:18	X	X	X	
82	BS25-282 1'	C	1			X							10.11.25	9:25	X	X	X	✓
83	BS25-283 1'	C	1			X							10.11.25	9:28	X	X	X	✓
84	BS25-288 1'	C	1			X							10.11.25	9:40	X	X	X	
85	BS25-290 1'	C	1			X							10.11.25	9:45	X	X	X	✓
86	BS25-291 1'	C	1			X							10.11.25	9:48	X	X	X	
87	BS25-292 1'	C	1			X							10.11.25	9:50	X	X	X	✓
88	BS25-293 1'	C	1			X							10.11.25	9:52	X	X	X	
89	BS25-294 1'	C	1			X							10.11.25	9:55	X	X	X	✓
90	BS25-295 1'	C	1			X							10.11.25	9:58	X	X	X	

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Relinquished By:	Date: 10.13.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1215		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 1.4 1.7 Corrected Temp. °C	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

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CARDINAL Laboratories

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

October 17, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PADRON AST

Enclosed are the results of analyses for samples received by the laboratory on 10/13/25 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

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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 296 1' (H256398-01)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.2 %* *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	10/14/2025	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.9 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 298 1' (H256398-02)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.1 %* *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	10/14/2025	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.6 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 301 1' (H256398-04)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.1 %* *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	10/14/2025	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.8 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 302 1' (H256398-05)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.6 %* *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	10/14/2025	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 303 1' (H256398-06)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.1 %* *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	10/14/2025	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *96.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.0 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 305 1' (H256398-08)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.9 %* *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	10/14/2025	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *97.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 306 1' (H256398-09)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.8 %* *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	10/14/2025	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *98.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.0 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 307 1' (H256398-10)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.2 %* *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	10/14/2025	ND	400	100	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *94.3 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 310 1' (H256398-11)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.3 %* *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	**272**	16.0	10/14/2025	ND	400	100	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *89.2 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 313 1' (H256398-13)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.2 %* *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	10/14/2025	ND	400	100	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *97.6 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 314 1' (H256398-14)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.7 %* *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	10/14/2025	ND	400	100	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.4 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 315 1' (H256398-15)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.6 %* *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	**464**	16.0	10/14/2025	ND	400	100	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *97.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 316 1' (H256398-16)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.5 %* *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	10/14/2025	ND	400	100	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.0 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 319 1' (H256398-18)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *87.3 %* *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	**256**	16.0	10/14/2025	ND	400	100	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *98.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 320 1' (H256398-19)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.7 %* *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	**272**	16.0	10/14/2025	ND	400	100	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *98.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 321 1' (H256398-20)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.0 %* *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	10/14/2025	ND	400	100	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 323 1' (H256398-22)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.0 %* *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	10/14/2025	ND	400	100	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *94.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.6 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 328 1' (H256398-24)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.3 %* *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	**720**	16.0	10/14/2025	ND	400	100	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	10/14/2025	ND	216	108	200	1.97	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	192	96.0	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *98.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 329 1' (H256398-25)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.9 %* *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	10/14/2025	ND	400	100	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *89.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.6 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 331 1' (H256398-26)

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	10/14/2025	ND	2.01	100	2.00	8.15	
Toluene*	<0.050	0.050	10/14/2025	ND	2.06	103	2.00	11.8	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.12	106	2.00	11.9	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.28	105	6.00	12.1	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.5 %* *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	**432**	16.0	10/14/2025	ND	400	100	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *99.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.0 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 332 1' (H256398-27)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	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	**208**	16.0	10/14/2025	ND	400	100	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *95.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 333 1' (H256398-28)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	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	**320**	16.0	10/14/2025	ND	400	100	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 334 1' (H256398-29)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	10/14/2025	ND	400	100	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *95.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 335 1' (H256398-30)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	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	10/14/2025	ND	400	100	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *99.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 336 1' (H256398-31)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	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	10/14/2025	ND	400	100	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *111 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 337 1' (H256398-32)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	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	**80.0**	16.0	10/14/2025	ND	400	100	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *110 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 338 1' (H256398-33)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	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	**80.0**	16.0	10/14/2025	ND	400	100	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *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:	10/13/2025	Sampling Date:	10/11/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 339 1' (H256398-34)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	10/14/2025	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 19 2' (H256398-36)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	10/14/2025	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *88.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.1 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 21 2' (H256398-37)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	10/14/2025	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *96.1 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 32 2' (H256398-38)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *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	10/14/2025	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 33 2' (H256398-39)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	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	**112**	16.0	10/14/2025	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 42 2' (H256398-40)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *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	10/14/2025	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 43 2' (H256398-41)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	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	**96.0**	16.0	10/14/2025	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *113 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *105 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 48 2' (H256398-42)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	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	**480**	16.0	10/14/2025	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	10/15/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 69 2' (H256398-43)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	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	**672**	16.0	10/14/2025	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	10/16/2025	ND	217	108	200	3.10	
DRO >C10-C28*	<10.0	10.0	10/16/2025	ND	201	100	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/16/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.8 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 102 2' (H256398-44)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.8 %* *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	10/14/2025	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	10/14/2025	ND	195	97.7	200	6.76	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	202	101	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *83.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.6 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 107 2' (H256398-45)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	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	**368**	16.0	10/14/2025	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	10/14/2025	ND	195	97.7	200	6.76	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	202	101	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *81.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.9 %* *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:	10/13/2025	Sampling Date:	10/09/2025
Reported:	10/17/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 111 2' (H256398-46)

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	10/14/2025	ND	2.14	107	2.00	4.84	
Toluene*	<0.050	0.050	10/14/2025	ND	2.11	105	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/14/2025	ND	2.13	107	2.00	0.142	
Total Xylenes*	<0.150	0.150	10/14/2025	ND	6.48	108	6.00	0.0432	
Total BTEX	<0.300	0.300	10/14/2025	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	**752**	16.0	10/14/2025	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	10/14/2025	ND	195	97.7	200	6.76	
DRO >C10-C28*	<10.0	10.0	10/14/2025	ND	202	101	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	10/14/2025	ND					

Surrogate: 1-Chlorooctane *88.8 %* *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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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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H256398											✓						
1	BS25-296 1'	C	1			X							10.11.25	10:00	X	X	X
2	BS25-298 1'	C	1			X							10.11.25	10:05	X	X	X
3	BS25-300 1'	C	1			X							10.11.25	10:10	X	X	X
4	BS25-301 1'	C	1			X							10.11.25	10:12	X	X	X
5	BS25-302 1'	C	1			X							10.11.25	10:14	X	X	X
6	BS25-303 1'	C	1			X							10.11.25	10:16	X	X	X
7	BS25-304 1'	C	1			X							10.11.25	10:18	X	X	X
8	BS25-305 1'	C	1			X							10.11.25	10:20	X	X	X
9	BS25-306 1'	C	1			X							10.11.25	10:23	X	X	X
10	BS25-307 1'	C	1			X							10.11.25	10:25	X	X	X

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Relinquished By:	Date: 10.13.25 AD Time: 1315	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: 10.13.25 Time: 1215	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@vertexresource.com) REMARKS: Direct Bill to EOG Resources Inc.

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.4 Corrected Temp. °C 1.7	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 Correction Factor -0.3°C +0.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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	ANALYSIS REQUEST
H256398																		
11	BS25-310 1'	C	1			X							10.11.25	10:33	X	X	X	
12	BS25-312 1'	C	1			X							10.11.25	10:40	X	X	X	
13	BS25-313 1'	C	1			X							10.11.25	10:43	X	X	X	
14	BS25-314 1'	C	1			X							10.11.25	10:45	X	X	X	
15	BS25-315 1'	C	1			X							10.11.25	10:48	X	X	X	
16	BS25-316 1'	C	1			X							10.11.25	10:50	X	X	X	
17	BS25-317 1'	C	1			X							10.11.25	10:53	X	X	X	
18	BS25-319 1'	C	1			X							10.11.25	10:58	X	X	X	
19	BS25-320 1'	C	1			X							10.11.25	11:00	X	X	X	
20	BS25-321 1'	C	1			X							10.11.25	11:03	X	X	X	

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Relinquished By:	Date: 10.13.25 Time: 1215	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@vertexresource.com)
			REMARKS: Direct Bill to EOG Resources Inc.

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.4 Corrected Temp. °C 1.7	Sample Condition Cool: Yes Intact: Yes	CHECKED BY: (Initials) AA	Turnaround Time: Standard ☒ Rush ☐ Thermometer ID #113 Correction Factor -0.3°C +1.4 +0.3

Bacteria (only) Sample Condition: Cool Intact Observed Temp. °C
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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	ANALYSIS REQUEST
H256398																		
21	BS25-322 1'	C	1			X							10.11.25	11:05	X	X	X	
22	BS25-323 1'	C	1			X							10.11.25	11:10	X	X	X	
23	BS25-327 1'	C	1			X							10.11.25	11:23	X	X	X	
24	BS25-328 1'	C	1			X							10.11.25	11:25	X	X	X	
25	BS25-329 1'	C	1			X							10.11.25	11:28	X	X	X	
26	BS25-331 1'	C	1			X							10.11.25	11:33	X	X	X	
27	BS25-332 1'	C	1			X							10.11.25	11:35	X	X	X	
28	BS25-333 1'	C	1			X							10.11.25	11:38	X	X	X	
29	BS25-334 1'	C	1			X							10.11.25	11:40	X	X	X	
30	BS25-335 1'	C	1			X							10.11.25	11:42	X	X	X	

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Relinquished By:	Date: 10.13.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1815		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 1.4 / 1.7 Corrected Temp. °C	Sample Condition Cool: Yes / No Intact: Yes / No	CHECKED BY: (Initials) AP	Turnaround Time: Standard ☒ Rush ☐ Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.3°C Corrected Temp. °C: #1.4 / +0.3

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H256398																	
31	BS25-336 1'	C	1			X							10.11.25	11:45	X	X	X
32	BS25-337 1'	C	1			X							10.11.25	11:48	X	X	X
33	BS25-338 1'	C	1			X							10.11.25	11:50	X	X	X
34	BS25-339 1'	C	1			X							10.11.25	11:52	X	X	X
35	BS25-340 1'	C	1			X							10.11.25	11:54	X	X	X

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Relinquished By:	Date: 10.13.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1215		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 1.4 Corrected Temp. °C 1.7	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 Correction Factor -0.3°C #140 +0.3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: ~~L. Pullman~~ A Ludvik 10.13.25 AL	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
H256398																	
36	BS25-19 2'	C	1			X							10.09.25	10:00	X	X	X
37	BS25-21 2'	C	1			X							10.09.25	10:05	X	X	X
38	BS25-32 2'	C	1			X							10.09.25	10:10	X	X	X
39	BS25-33 2'	C	1			X							10.09.25	10:15	X	X	X
40	BS25-42 2'	C	1			X							10.09.25	10:20	X	X	X
41	BS25-43 2'	C	1			X							10.09.25	10:25	X	X	X
42	BS25-48 2'	C	1			X							10.09.25	10:30	X	X	X
43	BS25-69 2'	C	1			X							10.09.25	10:35	X	X	X
44	BS25-102 2'	C	1			X							10.09.25	10:40	X	X	X
45	BS25-107 2'	C	1			X							10.09.25	10:45	X	X	X

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Relinquished By:	Date: 10/13/25 Time: 1215	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@vertexresource.com)
			REMARKS: Direct Bill to EOG Resources Inc.

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.4 Corrected Temp. °C 1.7	Sample Condition Cool: Yes 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 Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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Received by OCD: 12/24/2025 8:12:15 AM

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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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: ~~L. Pullman~~ A Ludvik 10.13.25 AL	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
H258398 #6	BS25-111 2'	C	1			X					✓		10.09.25	10:50	X	X	X

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Relinquished By:	Date: 10.13.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1215		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 1.4 Corrected Temp. °C 1.7	Sample Condition Cool: ☒ Yes Intact: ☒ Yes / ☐ No ☐ No	CHECKED BY: (Initials) AA	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: 12/24/2025 8:12:15 AM

Released to Imaging: 2/19/2026 3:49:38 PM

CARDINAL Laboratories

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

October 20, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PADRON AST

Enclosed are the results of analyses for samples received by the laboratory on 10/14/25 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,

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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 342 1' (H256426-01)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.7 %* *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	10/15/2025	ND	400	100	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	10/15/2025	ND	179	89.3	200	0.836	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	175	87.7	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *85.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.3 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 343 1' (H256426-02)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.4 %* *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	**48.0**	16.0	10/15/2025	ND	400	100	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	10/16/2025	ND	179	89.3	200	0.836	
DRO >C10-C28*	<10.0	10.0	10/16/2025	ND	175	87.7	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	10/16/2025	ND					

Surrogate: 1-Chlorooctane *87.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.8 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 344 1' (H256426-03)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.3 %* *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	10/15/2025	ND	400	100	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	10/15/2025	ND	179	89.3	200	0.836	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	175	87.7	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *83.5 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 345 1' (H256426-04)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.3 %* *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	**432**	16.0	10/15/2025	ND	400	100	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	10/15/2025	ND	179	89.3	200	0.836	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	175	87.7	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *84.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.0 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 346 1' (H256426-05)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.5 %* *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	10/15/2025	ND	400	100	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	10/15/2025	ND	179	89.3	200	0.836	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	175	87.7	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *85.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.0 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 347 1' (H256426-06)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.7 %* *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	10/15/2025	ND	400	100	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	10/15/2025	ND	179	89.3	200	0.836	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	175	87.7	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *74.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.7 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 348 1' (H256426-07)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.4 %* *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	**736**	16.0	10/15/2025	ND	400	100	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	10/15/2025	ND	179	89.3	200	0.836	
DRO >C10-C28*	**10.8**	10.0	10/15/2025	ND	175	87.7	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *77.4 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 349 1' (H256426-08)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.7 %* *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	**448**	16.0	10/15/2025	ND	400	100	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	10/15/2025	ND	179	89.3	200	0.836	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	175	87.7	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *73.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.2 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 350 1' (H256426-09)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.6 %* *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	10/15/2025	ND	400	100	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	10/15/2025	ND	179	89.3	200	0.836	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	175	87.7	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *77.7 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 351 1' (H256426-10)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.4 %* *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	**352**	16.0	10/15/2025	ND	400	100	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	10/15/2025	ND	179	89.3	200	0.836	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	175	87.7	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *84.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.0 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 352 1' (H256426-11)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.9 %* *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	10/15/2025	ND	400	100	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	10/15/2025	ND	176	87.9	200	1.01	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	198	98.9	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *70.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *66.0 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 353 1' (H256426-12)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.6 %* *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	10/15/2025	ND	400	100	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	10/15/2025	ND	176	87.9	200	1.01	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	198	98.9	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *88.7 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 354 1' (H256426-13)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	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	**160**	16.0	10/15/2025	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	10/15/2025	ND	176	87.9	200	1.01	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	198	98.9	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *86.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.8 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 355 1' (H256426-14)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.7 %* *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	10/15/2025	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	10/15/2025	ND	176	87.9	200	1.01	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	198	98.9	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *83.3 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 357 1' (H256426-15)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.5 %* *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	**640**	16.0	10/15/2025	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	10/15/2025	ND	176	87.9	200	1.01	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	198	98.9	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *88.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.6 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 359 1' (H256426-16)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.6 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *86.1 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 360 1' (H256426-17)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.0 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *87.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 361 1' (H256426-18)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.6 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *104 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 362 1' (H256426-19)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.5 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *94.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.6 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 363 1' (H256426-20)

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	10/15/2025	ND	1.93	96.4	2.00	1.21	
Toluene*	<0.050	0.050	10/15/2025	ND	2.06	103	2.00	2.12	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.13	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.31	105	6.00	2.06	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.0 %* *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	**544**	16.0	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *97.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.4 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 364 1' (H256426-21)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.5 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *82.5 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 365 1' (H256426-22)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *85.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.3 %* *39.9-141*

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Celey D. Keene

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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 366 1' (H256426-23)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.0 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *90.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.6 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 367 1' (H256426-24)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.3 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *88.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.4 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 368 1' (H256426-25)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.1 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *89.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.5 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 369 1' (H256426-26)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.4 %* *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	**256**	16.0	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *90.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 370 1' (H256426-27)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.8 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *81.7 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 371 1' (H256426-28)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.9 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *68.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *66.6 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 372 1' (H256426-29)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.1 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *96.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.2 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 373 1' (H256426-30)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.0 %* *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	10/15/2025	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	10/15/2025	ND	157	78.6	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	157	78.5	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *95.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.3 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 374 1' (H256426-31)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	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	10/15/2025	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	10/15/2025	ND	191	95.3	200	2.99	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	205	102	200	0.323	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *85.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.9 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 375 1' (H256426-32)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	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	10/15/2025	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	10/15/2025	ND	191	95.3	200	2.99	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	205	102	200	0.323	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *83.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.3 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 376 1' (H256426-33)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.0 %* *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	10/15/2025	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	10/15/2025	ND	191	95.3	200	2.99	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	205	102	200	0.323	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *80.8 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 377 1' (H256426-34)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	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	**592**	16.0	10/15/2025	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	10/15/2025	ND	191	95.3	200	2.99	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	205	102	200	0.323	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *85.0 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 378 1' (H256426-35)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	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	**192**	16.0	10/15/2025	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	10/15/2025	ND	191	95.3	200	2.99	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	205	102	200	0.323	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *88.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.7 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 379 1' (H256426-36)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.7 %* *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	10/15/2025	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	10/15/2025	ND	215	107	200	6.72	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *90.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.5 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 380 1' (H256426-37)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.5 %* *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	10/15/2025	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	10/15/2025	ND	215	107	200	6.72	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *95.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.7 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 381 1' (H256426-38)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.8 %* *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	10/15/2025	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	10/15/2025	ND	215	107	200	6.72	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *98.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 382 1' (H256426-39)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.8 %* *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	10/15/2025	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	10/15/2025	ND	215	107	200	6.72	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 383 1' (H256426-40)

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	10/15/2025	ND	2.20	110	2.00	1.46	
Toluene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.0781	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.16	108	2.00	0.681	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	6.50	108	6.00	0.491	
Total BTEX	<0.300	0.300	10/15/2025	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	**32.0**	16.0	10/15/2025	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	10/15/2025	ND	215	107	200	6.72	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *99.2 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 384 1' (H256426-41)

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	10/15/2025	ND	2.21	111	2.00	2.92	
Toluene*	<0.050	0.050	10/15/2025	ND	2.07	103	2.00	2.28	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.03	101	2.00	4.80	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	5.98	99.6	6.00	6.32	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.4 %* *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	**48.0**	16.0	10/15/2025	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	10/15/2025	ND	215	107	200	6.72	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *98.5 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 385 1' (H256426-42)

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	10/15/2025	ND	2.21	111	2.00	2.92	
Toluene*	<0.050	0.050	10/15/2025	ND	2.07	103	2.00	2.28	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.03	101	2.00	4.80	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	5.98	99.6	6.00	6.32	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.4 %* *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	<16.0	16.0	10/15/2025	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	10/15/2025	ND	215	107	200	6.72	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.9 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 386 1' (H256426-43)

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	10/15/2025	ND	2.21	111	2.00	2.92	
Toluene*	<0.050	0.050	10/15/2025	ND	2.07	103	2.00	2.28	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.03	101	2.00	4.80	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	5.98	99.6	6.00	6.32	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.8 %* *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	10/15/2025	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	10/15/2025	ND	215	107	200	6.72	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *98.0 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 387 1' (H256426-44)

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	10/15/2025	ND	2.21	111	2.00	2.92	
Toluene*	<0.050	0.050	10/15/2025	ND	2.07	103	2.00	2.28	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.03	101	2.00	4.80	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	5.98	99.6	6.00	6.32	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.3 %* *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	10/15/2025	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	10/15/2025	ND	215	107	200	6.72	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.4 %* *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:	10/14/2025	Sampling Date:	10/11/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 388 1' (H256426-45)

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	10/15/2025	ND	2.21	111	2.00	2.92	
Toluene*	<0.050	0.050	10/15/2025	ND	2.07	103	2.00	2.28	
Ethylbenzene*	<0.050	0.050	10/15/2025	ND	2.03	101	2.00	4.80	
Total Xylenes*	<0.150	0.150	10/15/2025	ND	5.98	99.6	6.00	6.32	
Total BTEX	<0.300	0.300	10/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.9 %* *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	**224**	16.0	10/15/2025	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	10/15/2025	ND	215	107	200	6.72	
DRO >C10-C28*	<10.0	10.0	10/15/2025	ND	195	97.6	200	0.130	
EXT DRO >C28-C36	<10.0	10.0	10/15/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *102 %* *39.9-141*

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
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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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H256426																	
1	BS25-342 1'	C	1			X							10.11.25	12:35	X	X	X
2	BS25-343 1'	C	1			X							10.11.25	12:38	X	X	X
3	BS25-344 1'	C	1			X							10.11.25	12:40	X	X	X
4	BS25-345 1'	C	1			X							10.11.25	12:42	X	X	X
5	BS25-346 1'	C	1			X							10.11.25	12:45	X	X	X
6	BS25-347 1'	C	1			X							10.11.25	12:48	X	X	X
7	BS25-348 1'	C	1			X							10.11.25	12:50	X	X	X
8	BS25-349 1'	C	1			X							10.11.25	12:53	X	X	X
9	BS25-350 1'	C	1			X							10.11.25	12:55	X	X	X
10	BS25-351 1'	C	1			X							10.11.25	12:58	X	X	X

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Relinquished By:	Date: 10-14-25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1340		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 2.9 Corrected Temp. °C 3.2	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 #140
Correction Factor -0.5°C +0.3°C
10/14/25
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H256426																	
11	BS25-352 1'	C	1			X							10.11.25	13:02	X	X	X
12	BS25-353 1'	C	1			X							10.11.25	13:05	X	X	X
13	BS25-354 1'	C	1			X							10.11.25	13:08	X	X	X
14	BS25-355 1'	C	1			X							10.11.25	13:10	X	X	X
15	BS25-357 1'	C	1			X							10.11.25	13:18	X	X	X
16	BS25-359 1'	C	1			X							10.11.25	13:23	X	X	X
17	BS25-360 1'	C	1			X							10.11.25	13:25	X	X	X
18	BS25-361 1'	C	1			X							10.11.25	13:28	X	X	X
19	BS25-362 1'	C	1			X							10.11.25	13:45	X	X	X
20	BS25-363 1'	C	1			X							10.11.25	13:48	X	X	X

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Relinquished By:	Date: 10-14-25 Time: 1340	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@vertexresource.com)
			REMARKS: Direct Bill to EOG Resources Inc.
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.9 Corrected Temp. °C 3.2	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 -0.5°C +0.3° 10/14/25
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H256426																	
21	BS25-364 1'	C	1			X							10.11.25	13:50	X	X	X
22	BS25-365 1'	C	1			X							10.11.25	13:53	X	X	X
23	BS25-366 1'	C	1			X							10.11.25	13:55	X	X	X
24	BS25-367 1'	C	1			X							10.11.25	13:58	X	X	X
25	BS25-368 1'	C	1			X							10.11.25	14:00	X	X	X
26	BS25-369 1'	C	1			X							10.11.25	14:02	X	X	X
27	BS25-370 1'	C	1			X							10.11.25	14:05	X	X	X
28	BS25-371 1'	C	1			X							10.11.25	14:08	X	X	X
29	BS25-372 1'	C	1			X							10.11.25	14:10	X	X	X
30	BS25-373 1'	C	1			X							10.11.25	14:12	X	X	X

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Relinquished By:	Date: 10.14.25 Time: 1340	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@vertexresource.com)
			REMARKS: Direct Bill to EOG Resources Inc.
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.9 Corrected Temp. °C 3.2	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 +0.3c
10/14/25
☐ 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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H256426																	
31	BS25-374 1'	C	1			X							10.11.25	14:15	X	X	X
32	BS25-375 1'	C	1			X							10.11.25	14:18	X	X	X
33	BS25-376 1'	C	1			X							10.11.25	14:20	X	X	X
34	BS25-377 1'	C	1			X							10.11.25	14:23	X	X	X
35	BS25-378 1'	C	1			X							10.11.25	14:25	X	X	X
36	BS25-379 1'	C	1			X							10.11.25	14:28	X	X	X
37	BS25-380 1'	C	1			X							10.11.25	14:30	X	X	X
38	BS25-381 1'	C	1			X							10.11.25	14:33	X	X	X
39	BS25-382 1'	C	1			X							10.11.25	14:35	X	X	X
40	BS25-383 1'	C	1			X							10.11.25	14:38	X	X	X

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Relinquished By:	Date: 10-14-25	Received By:	Verbal Result: ☐ Yes ☐ No — Add'l Phone #:
	Time: 1340		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 2.9 Corrected Temp. °C 3.2	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 — 10/14/25 — ☐ Yes ☐ Yes ☐ No ☐ No — Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H256426																	
41	BS25-384 1'	C	1			X							10.11.25	14:40	X	X	X
42	BS25-385 1'	C	1			X							10.11.25	14:43	X	X	X
43	BS25-386 1'	C	1			X							10.11.25	14:45	X	X	X
44	BS25-387 1'	C	1			X							10.11.25	14:48	X	X	X
45	BS25-388 1'	C	1			X							10.11.25	14:50	X	X	X

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Relinquished By:	Date: 10.14.25	Received By:	Verbal Result: ☐ Yes ☐ No — Add'l Phone #:
	Time: 1340		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Lakin Pullman (Lpullman@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 2.9 Corrected Temp. °C 3.2	Sample Condition Cool: Yes Intact: Yes / No / No	CHECKED BY: (Initials)	Turnaround Time: Standard ☒ Rush ☐ — Bacteria (only) Sample Condition: Cool Intact Observed Temp. °C — Thermometer ID #113 #140 — Correction Factor -0.6°C +0.3° 10/14/25 — Yes Yes / No No — Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

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

November 20, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PADRON AST

Enclosed are the results of analyses for samples received by the laboratory on 10/23/25 13:15.

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	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

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: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BS 25 - 53 2'	H256684-01	Soil	20-Oct-25 09:45	23-Oct-25 13:15
BS 25 - 54 2'	H256684-02	Soil	20-Oct-25 09:52	23-Oct-25 13:15
BS 25 - 101 4'	H256684-03	Soil	20-Oct-25 10:53	23-Oct-25 13:15
BS 25 - 110 3'	H256684-04	Soil	20-Oct-25 11:22	23-Oct-25 13:15
BS 25 - 111 3'	H256684-05	Soil	20-Oct-25 11:24	23-Oct-25 13:15
BS 25 - 113 3'	H256684-06	Soil	20-Oct-25 11:30	23-Oct-25 13:15
BS 25 - 116 3'	H256684-07	Soil	20-Oct-25 11:37	23-Oct-25 13:15
BS 25 - 118 3'	H256684-08	Soil	20-Oct-25 11:39	23-Oct-25 13:15
BS 25 - 122 3'	H256684-09	Soil	20-Oct-25 12:17	23-Oct-25 13:15
BS 25 - 125 3'	H256684-10	Soil	20-Oct-25 12:08	23-Oct-25 13:15
BS 25 - 127 2.5'	H256684-11	Soil	20-Oct-25 12:26	23-Oct-25 13:15
BS 25 - 128 2.5'	H256684-12	Soil	20-Oct-25 12:20	23-Oct-25 13:15
BS 25 - 130 2.5'	H256684-13	Soil	20-Oct-25 12:31	23-Oct-25 13:15
BS 25 - 131 2.5'	H256684-14	Soil	20-Oct-25 12:35	23-Oct-25 13:15
BS 25 - 136 2'	H256684-15	Soil	20-Oct-25 13:40	23-Oct-25 13:15
BS 25 - 138 2.5'	H256684-16	Soil	20-Oct-25 12:37	23-Oct-25 13:15

11/20/25 - Client changed the sample ID on -03 (see COC). This is the revised report and will replace the one sent on 10/29/25.

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 53 2'

H256684-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**400**		16.0	mg/kg	4	5102410	HM	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102336	JH	24-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102336	JH	24-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102336	JH	24-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102336	JH	24-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102336	JH	24-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*70.4-141*		*5102336*	JH	*24-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*68.0 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*68.2 %*	*39.9-141*		*5102339*	MS	*24-Oct-25*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 54 2'

H256684-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**496**		16.0	mg/kg	4	5102410	HM	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*100 %*	*70.4-141*		*5102337*	JH	*24-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*79.6 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.1 %*	*39.9-141*		*5102339*	MS	*24-Oct-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: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 101 4'

H256684-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**384**		16.0	mg/kg	4	5102410	HM	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*70.4-141*		*5102337*	JH	*24-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*78.1 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.9 %*	*39.9-141*		*5102339*	MS	*24-Oct-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: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 110 3'

H256684-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	5102410	HM	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*70.4-141*		*5102337*	JH	*24-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*75.1 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.2 %*	*39.9-141*		*5102339*	MS	*24-Oct-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: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 111 3'

H256684-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**528**		16.0	mg/kg	4	5102410	HM	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.8 %*	*70.4-141*		*5102337*	JH	*24-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*79.0 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.2 %*	*39.9-141*		*5102339*	MS	*24-Oct-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 113 3'

H256684-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**368**		16.0	mg/kg	4	5102410	HM	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*70.4-141*		*5102337*	JH	*24-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*62.4 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*60.9 %*	*39.9-141*		*5102339*	MS	*24-Oct-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 116 3'

H256684-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**768**		16.0	mg/kg	4	5102410	HM	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*70.4-141*		*5102337*	JH	*24-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*70.1 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*69.4 %*	*39.9-141*		*5102339*	MS	*24-Oct-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 118 3'

H256684-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**304**		16.0	mg/kg	4	5102410	HM	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.7 %*	*70.4-141*		*5102337*	JH	*24-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*79.7 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.7 %*	*39.9-141*		*5102339*	MS	*24-Oct-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 122 3'

H256684-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**768**		16.0	mg/kg	4	5102410	HM	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	24-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.5 %*	*70.4-141*		*5102337*	JH	*24-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*76.0 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.5 %*	*39.9-141*		*5102339*	MS	*24-Oct-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 125 3'

H256684-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**608**		16.0	mg/kg	4	5102410	HM	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*100 %*	*70.4-141*		*5102337*	JH	*25-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*80.1 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.0 %*	*39.9-141*		*5102339*	MS	*24-Oct-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 127 2.5'

H256684-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**656**		16.0	mg/kg	4	5102433	AC	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*100 %*	*70.4-141*		*5102337*	JH	*25-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*76.0 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.8 %*	*39.9-141*		*5102339*	MS	*24-Oct-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 128 2.5'

H256684-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**528**		16.0	mg/kg	4	5102433	AC	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*70.4-141*		*5102337*	JH	*25-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*77.1 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.4 %*	*39.9-141*		*5102339*	MS	*24-Oct-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 130 2.5'

H256684-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**432**		16.0	mg/kg	4	5102433	AC	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*100 %*	*70.4-141*		*5102337*	JH	*25-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*76.4 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.4 %*	*39.9-141*		*5102339*	MS	*24-Oct-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 131 2.5'

H256684-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**304**		16.0	mg/kg	4	5102433	AC	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*70.4-141*		*5102337*	JH	*25-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*72.7 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*72.8 %*	*39.9-141*		*5102339*	MS	*24-Oct-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 136 2'

H256684-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**336**		16.0	mg/kg	4	5102433	AC	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*70.4-141*		*5102337*	JH	*25-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102339	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*65.8 %*	*52.4-130*		*5102339*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*66.6 %*	*39.9-141*		*5102339*	MS	*24-Oct-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

BS 25 - 138 2.5'

H256684-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**576**		16.0	mg/kg	4	5102433	AC	24-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5102337	JH	25-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*101 %*	*70.4-141*		*5102337*	JH	*25-Oct-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5102340	MS	24-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5102340	MS	24-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5102340	MS	24-Oct-25	8015B	
Surrogate: 1-Chlorooctane			*74.2 %*	*52.4-130*		*5102340*	MS	*24-Oct-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*67.1 %*	*39.9-141*		*5102340*	MS	*24-Oct-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5102410 - 1:4 DI Water										
Blank (5102410-BLK1)				Prepared & Analyzed: 24-Oct-25						
Chloride	ND	16.0	mg/kg							
LCS (5102410-BS1)				Prepared & Analyzed: 24-Oct-25						
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (5102410-BSD1)				Prepared & Analyzed: 24-Oct-25						
Chloride	432	16.0	mg/kg	400		108	80-120	3.64	20	
Batch 5102433 - 1:4 DI Water										
Blank (5102433-BLK1)				Prepared & Analyzed: 24-Oct-25						
Chloride	ND	16.0	mg/kg							
LCS (5102433-BS1)				Prepared & Analyzed: 24-Oct-25						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (5102433-BSD1)				Prepared & Analyzed: 24-Oct-25						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

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 5102336 - Volatiles										
Blank (5102336-BLK1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-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)	*0.0572*		mg/kg	*0.0500*		*114*	*70.4-141*			
LCS (5102336-BS1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-25						
Benzene	1.95	0.050	mg/kg	2.00		97.6	71-111			
Toluene	1.86	0.050	mg/kg	2.00		92.8	75-116			
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	74.2-119			
m,p-Xylene	4.41	0.100	mg/kg	4.00		110	72.5-123			
o-Xylene	2.19	0.050	mg/kg	2.00		110	70.5-124			
Total Xylenes	6.60	0.150	mg/kg	6.00		110	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0524*		mg/kg	*0.0500*		*105*	*70.4-141*			
LCS Dup (5102336-BSD1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-25						
Benzene	1.96	0.050	mg/kg	2.00		97.9	71-111	0.295	17.6	
Toluene	1.95	0.050	mg/kg	2.00		97.4	75-116	4.83	14.8	
Ethylbenzene	2.11	0.050	mg/kg	2.00		106	74.2-119	1.48	14.2	
m,p-Xylene	4.44	0.100	mg/kg	4.00		111	72.5-123	0.842	13.6	
o-Xylene	2.22	0.050	mg/kg	2.00		111	70.5-124	1.55	13.7	
Total Xylenes	6.67	0.150	mg/kg	6.00		111	72.2-123	1.08	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0551*		mg/kg	*0.0500*		*110*	*70.4-141*			
Batch 5102337 - Volatiles										
Blank (5102337-BLK1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-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: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

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 5102337 - Volatiles										
Blank (5102337-BLK1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-25						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0533*		mg/kg	*0.0500*		*107*	*70.4-141*			
LCS (5102337-BS1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-25						
Benzene	1.49	0.050	mg/kg	2.00		74.6	71-111			
Toluene	1.67	0.050	mg/kg	2.00		83.4	75-116			
Ethylbenzene	1.61	0.050	mg/kg	2.00		80.3	74.2-119			
m,p-Xylene	3.16	0.100	mg/kg	4.00		79.0	72.5-123			
o-Xylene	1.57	0.050	mg/kg	2.00		78.5	70.5-124			
Total Xylenes	4.73	0.150	mg/kg	6.00		78.8	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0449*		mg/kg	*0.0500*		*89.8*	*70.4-141*			
LCS Dup (5102337-BSD1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-25						
Benzene	1.67	0.050	mg/kg	2.00		83.7	71-111	11.6	17.6	
Toluene	1.85	0.050	mg/kg	2.00		92.3	75-116	10.2	14.8	
Ethylbenzene	1.77	0.050	mg/kg	2.00		88.4	74.2-119	9.66	14.2	
m,p-Xylene	3.48	0.100	mg/kg	4.00		86.9	72.5-123	9.46	13.6	
o-Xylene	1.72	0.050	mg/kg	2.00		86.0	70.5-124	9.20	13.7	
Total Xylenes	5.20	0.150	mg/kg	6.00		86.6	72.2-123	9.37	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0456*		mg/kg	*0.0500*		*91.2*	*70.4-141*			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

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 5102339 - General Prep - Organics										
Blank (5102339-BLK1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-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	*39.5*		mg/kg	*50.0*		*79.0*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*39.4*		mg/kg	*50.0*		*78.8*	*39.9-141*			
LCS (5102339-BS1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-25						
GRO C6-C10	182	10.0	mg/kg	200		91.2	78.7-123			
DRO >C10-C28	179	10.0	mg/kg	200		89.7	74.8-123			
Total TPH C6-C28	362	10.0	mg/kg	400		90.5	78.6-121			
Surrogate: 1-Chlorooctane	*43.1*		mg/kg	*50.0*		*86.2*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*45.4*		mg/kg	*50.0*		*90.8*	*39.9-141*			
LCS Dup (5102339-BSD1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-25						
GRO C6-C10	190	10.0	mg/kg	200		94.9	78.7-123	3.94	11.3	
DRO >C10-C28	194	10.0	mg/kg	200		96.8	74.8-123	7.52	10.9	
Total TPH C6-C28	383	10.0	mg/kg	400		95.8	78.6-121	5.73	10.5	
Surrogate: 1-Chlorooctane	*43.8*		mg/kg	*50.0*		*87.6*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*45.1*		mg/kg	*50.0*		*90.1*	*39.9-141*			
Batch 5102340 - General Prep - Organics										
Blank (5102340-BLK1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-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	*46.7*		mg/kg	*50.0*		*93.4*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*42.6*		mg/kg	*50.0*		*85.2*	*39.9-141*			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 20-Nov-25 10:07

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 5102340 - General Prep - Organics										
LCS (5102340-BS1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-25						
GRO C6-C10	212	10.0	mg/kg	200		106	78.7-123			
DRO >C10-C28	196	10.0	mg/kg	200		98.1	74.8-123			
Total TPH C6-C28	408	10.0	mg/kg	400		102	78.6-121			
Surrogate: 1-Chlorooctane	*49.4*		mg/kg	*50.0*		*98.8*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*47.8*		mg/kg	*50.0*		*95.5*	*39.9-141*			
LCS Dup (5102340-BSD1)				Prepared: 23-Oct-25 Analyzed: 24-Oct-25						
GRO C6-C10	213	10.0	mg/kg	200		107	78.7-123	0.533	11.3	
DRO >C10-C28	194	10.0	mg/kg	200		97.1	74.8-123	1.03	10.9	
Total TPH C6-C28	408	10.0	mg/kg	400		102	78.6-121	0.213	10.5	
Surrogate: 1-Chlorooctane	*49.4*		mg/kg	*50.0*		*98.7*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*46.8*		mg/kg	*50.0*		*93.7*	*39.9-141*			

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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 Permian)	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 Dr
Project #: 25A-02517 03091 Project Owner: EOG Resources Inc	City: Midland
Project Name: Padron AST	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
H256684																	
1	BS25-53 2'	C	1			X							10.20.25	9:45	X	X	X
2	BS25-54 2'	C	1			X							10.20.25	9:52	X	X	X
[redacted]																	
3	BS25-101 3' H' *	C	1			X							10.20.25	10:53	X	X	X
4	BS25-110 3'	C	1			X							10.20.25	11:22	X	X	X
5	BS25-111 3'	C	1			X							10.20.25	11:24	X	X	X
6	BS25-113 3'	C	1			X							10.20.25	11:30	X	X	X
7	BS25-116 3'	C	1			X							10.20.25	11:37	X	X	X
8	BS25-118 3'	C	1			X							10.20.25	11:39	X	X	X
9	BS25-122 3'	C	1			X							10.20.25	12:17	X	X	X

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Relinquished By:	Date: 10-23-25 Time: 1315	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, sminnox@vertexresource.com, permain@vertexresource.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Direct Bill to EOG Resources * Customer requested ID Changes. T° 11/17/25
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.9 Corrected Temp. °C 5.2	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°C T° 10/23/25
☐ 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: 12/24/2025 8:12:15 AM

Released to Imaging: 2/19/2026 3:49:38 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 Permian)	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 Dr
Project #: 25A-02517 03091 Project Owner: EOG Resources Inc	City: Midland
Project Name: Padron AST TO-10/27/25	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
H256684																	
10	BS25-125 3'	C	1			X							10.20.25	12:08	X	X	X
11	BS25-127 2.5'	C	1			X							10.20.25	12:26	X	X	X
12	BS25-128 2.5'	C	1			X							10.20.25	12:20	X	X	X
13	BS25-130 2.5'	C	1			X							10.20.25	12:31	X	X	X
14	BS25-131 2.5'	C	1			X							10.20.25	12:35	X	X	X
15	BS25-136 2'	C	1			X							10.20.25	13:40	X	X	X
16	BS25-138 2.5'	C	1			X							10.20.25	12:37	X	X	X

ANALYSIS REQUEST

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Relinquished By:	Date: 10.23.25 Time: 1315	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: cdixon@vertexresource.com, sminnox@vertexresource.com, permain@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 4.9 Corrected Temp. °C 5.2	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 #140 Correction Factor -0.5°C +0.3°C TO-10/23/25 ☐ 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: 12/24/2025 8:12:15 AM

Released to Imaging: 2/19/2026 3:49:38 PM

CARDINAL Laboratories

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

October 31, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PADRON AST

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

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:	10/27/2025	Sampling Date:	10/22/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 62 4' (H256762-01)

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	10/28/2025	ND	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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	**624**	16.0	10/28/2025	ND	432	108	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *81.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.7 %* *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:	10/27/2025	Sampling Date:	10/22/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 81 4' (H256762-02)

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	10/28/2025	ND	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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	**544**	16.0	10/28/2025	ND	432	108	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *85.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.6 %* *39.9-141*

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Celey D. Keene

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:	10/22/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 52 4' (H256762-03)

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	10/28/2025	ND	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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	**112**	16.0	10/28/2025	ND	432	108	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *87.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.5 %* *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:	10/27/2025	Sampling Date:	10/22/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 49 4' (H256762-04)

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	10/28/2025	ND	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
Total BTEX	<0.300	0.300	10/28/2025	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	**288**	16.0	10/28/2025	ND	432	108	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *86.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.3 %* *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:	10/27/2025	Sampling Date:	10/22/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 63 4' (H256762-05)

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	10/28/2025	ND	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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	**800**	16.0	10/28/2025	ND	432	108	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *88.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.5 %* *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:	10/27/2025	Sampling Date:	10/22/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 89 7' (H256762-06)

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	10/28/2025	ND	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**848**	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *84.5 %* *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:	10/27/2025	Sampling Date:	10/22/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 90 7' (H256762-07)

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	10/28/2025	ND	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**880**	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *80.2 %* *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:	10/27/2025	Sampling Date:	10/22/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 55 2' (H256762-08)

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	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *78.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.9 %* *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:	10/22/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 79 4' (H256762-09)

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	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**704**	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *83.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.2 %* *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:	10/22/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 109 3' (H256762-10)

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	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *85.2 %* *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:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 124 4' (H256762-11)

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	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *95.0 %* *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:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 108 4' (H256762-12)

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	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *92.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.9 %* *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:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 115 4' (H256762-13)

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	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *93.4 %* *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:	10/27/2025	Sampling Date:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 147 4' (H256762-14)

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	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *89.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.2 %* *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:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 40 3' (H256762-15)

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	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**624**	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *84.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.4 %* *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:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 123 4' (H256762-16)

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	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**480**	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	186	93.2	200	0.182	
DRO >C10-C28*	<10.0	10.0	10/28/2025	ND	190	94.9	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	10/28/2025	ND					

Surrogate: 1-Chlorooctane *93.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.7 %* *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:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 119 4' (H256762-17)

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	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	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 *76.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.9 %* *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:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 88 7' (H256762-18)

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	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
Total BTEX	<0.300	0.300	10/28/2025	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	**848**	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 *77.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.4 %* *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:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 112 4' (H256762-19)

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	1.88	93.9	2.00	9.25	
Toluene*	<0.050	0.050	10/28/2025	ND	2.06	103	2.00	11.3	
Ethylbenzene*	<0.050	0.050	10/28/2025	ND	1.98	98.9	2.00	11.3	
Total Xylenes*	<0.150	0.150	10/28/2025	ND	5.89	98.2	6.00	12.6	
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: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	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 *76.0 %* *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:	10/24/2025
Reported:	10/31/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 143 4' (H256762-20)

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	10/29/2025	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: 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 *82.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.6 %* *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:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 126 4' (H256762-21)

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	10/29/2025	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	**464**	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 *83.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.2 %* *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:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 129 6' (H256762-22)

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	10/29/2025	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 *107 %* *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	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 *85.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.0 %* *39.9-141*

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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 Inc (Direct Bill EOG)
Project Manager: Chance Dixon
Address: 3101 Boyd Drive
City: Carlsbad State: NM Zip: 88220
Phone #: 575.725.5001 Fax #:
Project #: 25A-03091 Project Owner: EOG Resource Inc
Project Name: Padron AST
Project Location: Eddy
Sampler Name: Sharon Minnix

BILL TO
P.O. #:
Company: EOG Resource Inc
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	CL	TPH
H256762																		
1	BS25-62	4'	C	1			X							10.22	1415	X	X	X
2	BS25-81	4'	C	1			X							10.22	1359			
3	BS25-52	4'	C	1			X							10.22	1403			
4	BS25-49	4'	C	1			X							10.22	1405			
5	BS25-63	4'	C	1			X							10.22	1408			
6	BS25-89	7'	C	1			X							10.22	1429			
7	BS25-90	7'	C	1			X							10.22	1430			
8	BS25-55	2'	C	1			X							10.22	812			
9	BS25-79	4'	C	1			X							10.22	1401			
10	BS25-109	3'	C	1			X							10.22	817			

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040240IK - all

Relinquished By: Sminnix — Date: 10-27-25 Time: 1300 — Received By: Tamara Oldaker

Relinquished By: — Date: — Time: — Received By:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Observed Temp. °C 0.6 Corrected Temp. °C 0.9

Sample Condition: Cool: Yes / Intact: Yes — CHECKED BY: (Initials) TO

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address: CDixon@vertexresource.com, SMinnix@vertexresource.com, permian@vertexresource.com

REMARKS: Direct Bill to EOG Resource Inc

Turnaround Time: ☐ Standard ☐ Rush — ☑ Bacteria (only) Sample Condition: Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No — Observed Temp. °C — Corrected Temp. °C

Thermometer ID #140 Correction Factor ~~-0.3°C~~ +0.3°C

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

10/27/25

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Inc (Direct Bill EOG)
Project Manager: Chance Dixon
Address: 3101 Boyd Drive
City: Carlsbad State: NM Zip: 88220
Phone #: 575.725.5001 Fax #:
Project #: 25A-03091 Project Owner: EOG Resource Inc
Project Name: Padron AST
Project Location: Eddy
Sampler Name: Sharon Minnix

BILL TO
P.O. #:
Company: EOG Resource Inc
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	BETEX	CL	TPH
H256762																	
11	BS25-124 4'	C	1			X							10.24	800	X	X	X
12	BS25-108 4'	C	1			X							10.24	825	X	X	X
13	BS25-[redacted]115 4'	C	1			X							10.24	840	X	X	X
14	BS25-147 4'	C	1			X							10.24	855	X	X	X
15	BS25-40 [redacted] 3	C	1			X					10.24		[redacted]	815	X	X	X
16	BS25-123 4'	C	1			X							10.24	830	X	X	X
17	BS25-119 4'	C	1			X							10.24	845	X	X	X
18	BS25-88 7'	C	1			X							10.24	900	X	X	X
19	BS25-112 4'	C	1			X							10.24	820	X	X	X
20	BS25-143 4'	C	1			X							10.24	835	X	X	X

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040240 K - all

Relinquished By: Sminnix Date: 10-27-25 Time: 1300 Received By: Tamara Oldaker
Relinquished By: Date: Time: Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: CDixon@vertexresource.com SMinnix@vertexresource.com, permian@vertexresource.com
REMARKS: Direct bill to EOG Resource Inc

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) TO

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Inc (Direct Bill EOG)
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Address: 3101 Boyd Drive
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P.O. #:
Company: EOG Resource Inc
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Address: 5509 Champions Dr
City: Midland
State: TX Zip: 79706
Phone #: 575.703.6537
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	CL	TPH
H256762											✓						
21	BS25-126 4'	C	1			X							10.24	850	X	X	X
22	BS25-129 6'	C	1			X							10.29	1221	X	X	X

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040240 1K - all

Relinquished By: Sminnix Date: 10.27.25 Time: 1300 Received By: Tamara Alcala
Relinquished By: Date: Time: Received By:

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)

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: CDixon@vertexresource.com, SMinnix@vertexresource.com, permian@vertex resource.com

REMARKS: Direct bill to EOG Resource Inc

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #140 Correction Factor -0.6°C +0.3°C
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No
Observed Temp. °C Corrected Temp. °C
10/27/25

† 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 11/18/2025 11:45:49 AM Revision 1

JOB DESCRIPTION

Padron AST

JOB NUMBER

885-36939-1

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

Generated
11/18/2025 11:45:49 AM
Revision 1

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Padron AST

Laboratory Job ID: 885-36939-1

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Definitions/Glossary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

HPLC/IC

Qualifier	Qualifier Description
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
Project: Padron AST

Job ID: 885-36939-1

Job ID: 885-36939-1 Eurofins Albuquerque

Job Narrative
885-36939-1

REVISION

The report being provided is a revision of the original report sent on 11/11/2025. The report (revision 1) is being revised due to Change samples BS25116 to 3.5' bgs, BS25-125 to 3.5' bgs, BS25-120 to 4' bgs, BS25-59 to 8' bgs , BS25-247 to 2' bgs, and BS25-276 to 2' bgs..

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 11/5/2025 1:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions
The following samples were activated by the client on 11/6/25: BS25-59 8' (885-36939-102), BS25-247 2' (885-36939-103) and BS25-276 2' (885-36939-104).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: BS25-92 8' (885-36939-81), BS25-40 5' (885-36939-82), WS25-31 5-8' (885-36939-84), BS25-120 4' (885-36939-85), BS25-79 4.5' (885-36939-86), WS25-32 2-5' (885-36939-87), WS25-32 5-8' (885-36939-88), BS25-78 3.5' (885-36939-89), WS25-33 7-8' (885-36939-90), BS25-299 2' (885-36939-92), BS25-278 2' (885-36939-93), BS25-424 2' (885-36939-94), BS25-93 7' (885-36939-97), BS25-94 7' (885-36939-98), BS25-62 5' (885-36939-99), BS25-95 7' (885-36939-101), (CCV 880-123250/20), (CCV 880-123250/33), (CCV 880-123250/95), (LCS 880-123193/1-A), (LCSD 880-123193/2-A), (885-36939-A-81-B MS) and (885-36939-A-81-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-123143 and 880-123193 and analytical batch 880-123250 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-123189 and analytical batch 880-123252 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 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-123191 and analytical batch 880-123252 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-123182 and analytical batch 880-123251 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.

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

Case Narrative

Client: Vertex Job ID: 885-36939-1
Project: Padron AST

Job ID: 885-36939-1 (Continued) Eurofins Albuquerque

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (885-36939-A-90-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside the upper control limit: BS25-257 2' (885-36939-13). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BS25-202 2' (885-36939-34) and (LCS 880-123109/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-123110 and analytical batch 880-123148 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 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: BS25-299 2' (885-36939-92) and BS25-424 2' (885-36939-94). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-123248 and analytical batch 880-123349 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.

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: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-443 2'

Date Collected: 11/04/25 12:05
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 09:52	1
Toluene	ND	F1	0.0020		mg/Kg		11/06/25 13:29	11/08/25 09:52	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 09:52	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 09:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*11/06/25 13:29*	*11/08/25 09:52*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/06/25 13:29*	*11/08/25 09:52*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:23	11/06/25 23:06	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:23	11/06/25 23:06	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:23	11/06/25 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*11/06/25 09:23*	*11/06/25 23:06*	*1*
o-Terphenyl	*103*		*70 - 130*	*11/06/25 09:23*	*11/06/25 23:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			11/07/25 15:12	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-427 2'

Date Collected: 11/04/25 12:10
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 10:12	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 10:12	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 10:12	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 10:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*11/06/25 13:29*	*11/08/25 10:12*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/06/25 13:29*	*11/08/25 10:12*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:23	11/06/25 23:20	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:23	11/06/25 23:20	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:23	11/06/25 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*11/06/25 09:23*	*11/06/25 23:20*	*1*
o-Terphenyl	*111*		*70 - 130*	*11/06/25 09:23*	*11/06/25 23:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		10		mg/Kg			11/07/25 15:18	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-289 2'

Date Collected: 11/04/25 12:15
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 10:33	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 10:33	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 10:33	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/06/25 13:29*	*11/08/25 10:33*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/06/25 13:29*	*11/08/25 10:33*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:23	11/06/25 23:34	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:23	11/06/25 23:34	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:23	11/06/25 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*11/06/25 09:23*	*11/06/25 23:34*	*1*
o-Terphenyl	*106*		*70 - 130*	*11/06/25 09:23*	*11/06/25 23:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15**		10		mg/Kg			11/07/25 15:23	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-429 2'

Date Collected: 11/04/25 12:20
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-4

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 10:53	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 10:53	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 10:53	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 10:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*11/06/25 13:29*	*11/08/25 10:53*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/06/25 13:29*	*11/08/25 10:53*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:23	11/06/25 23:49	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:23	11/06/25 23:49	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:23	11/06/25 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*11/06/25 09:23*	*11/06/25 23:49*	*1*
o-Terphenyl	*105*		*70 - 130*	*11/06/25 09:23*	*11/06/25 23:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		9.9		mg/Kg			11/07/25 14:01	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-279 2'

Date Collected: 11/04/25 12:25
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-5

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 11:14	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 11:14	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 11:14	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/06/25 13:29*	*11/08/25 11:14*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/06/25 13:29*	*11/08/25 11:14*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:23	11/07/25 00:03	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:23	11/07/25 00:03	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:23	11/07/25 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*11/06/25 09:23*	*11/07/25 00:03*	*1*
o-Terphenyl	*111*		*70 - 130*	*11/06/25 09:23*	*11/07/25 00:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**370**		9.9		mg/Kg			11/07/25 14:19	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-269 2'

Date Collected: 11/04/25 12:30
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-6

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 11:34	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 11:34	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 11:34	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*11/06/25 13:29*	*11/08/25 11:34*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/06/25 13:29*	*11/08/25 11:34*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:23	11/07/25 00:19	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:23	11/07/25 00:19	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:23	11/07/25 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*11/06/25 09:23*	*11/07/25 00:19*	*1*
o-Terphenyl	*101*		*70 - 130*	*11/06/25 09:23*	*11/07/25 00:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21**		10		mg/Kg			11/07/25 14:25	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-268 2'

Date Collected: 11/04/25 12:35
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-7

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 12:10	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 12:10	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 12:10	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*11/06/25 13:29*	*11/08/25 12:10*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:29*	*11/08/25 12:10*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:23	11/07/25 00:33	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:23	11/07/25 00:33	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:23	11/07/25 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*11/06/25 09:23*	*11/07/25 00:33*	*1*
o-Terphenyl	*107*		*70 - 130*	*11/06/25 09:23*	*11/07/25 00:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18**		9.9		mg/Kg			11/07/25 14:30	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-267 2'

Date Collected: 11/04/25 12:40
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-8

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 12:31	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 12:31	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 12:31	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*11/06/25 13:29*	*11/08/25 12:31*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:29*	*11/08/25 12:31*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:23	11/07/25 00:49	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:23	11/07/25 00:49	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:23	11/07/25 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*11/06/25 09:23*	*11/07/25 00:49*	*1*
o-Terphenyl	*98*		*70 - 130*	*11/06/25 09:23*	*11/07/25 00:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15**		10		mg/Kg			11/07/25 14:36	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-266 2'

Date Collected: 11/04/25 12:45
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 12:51	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 12:51	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 12:51	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/06/25 13:29*	*11/08/25 12:51*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/06/25 13:29*	*11/08/25 12:51*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:23	11/07/25 01:04	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:23	11/07/25 01:04	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:23	11/07/25 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*11/06/25 09:23*	*11/07/25 01:04*	*1*
o-Terphenyl	*100*		*70 - 130*	*11/06/25 09:23*	*11/07/25 01:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		10		mg/Kg			11/07/25 14:54	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-265 2'

Date Collected: 11/04/25 12:50
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-10

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 13:12	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 13:12	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 13:12	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*11/06/25 13:29*	*11/08/25 13:12*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:29*	*11/08/25 13:12*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/06/25 21:30	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 21:30	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*11/06/25 09:59*	*11/06/25 21:30*	*1*
o-Terphenyl	*109*		*70 - 130*	*11/06/25 09:59*	*11/06/25 21:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18**		10		mg/Kg			11/07/25 15:00	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-259 2'

Date Collected: 11/04/25 12:55
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-11

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 14:44	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 14:44	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 14:44	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*11/06/25 13:29*	*11/08/25 14:44*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/06/25 13:29*	*11/08/25 14:44*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/06/25 22:16	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 22:16	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*11/06/25 09:59*	*11/06/25 22:16*	*1*
o-Terphenyl	*94*		*70 - 130*	*11/06/25 09:59*	*11/06/25 22:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17**		9.9		mg/Kg			11/07/25 15:05	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-258 2'

Date Collected: 11/04/25 13:00
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-12

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 15:05	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 15:05	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 15:05	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*11/06/25 13:29*	*11/08/25 15:05*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:29*	*11/08/25 15:05*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/06/25 22:31	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 22:31	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*11/06/25 09:59*	*11/06/25 22:31*	*1*
o-Terphenyl	*125*		*70 - 130*	*11/06/25 09:59*	*11/06/25 22:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		10		mg/Kg			11/07/25 15:11	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-257 2'

Date Collected: 11/04/25 13:05
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-13

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 15:25	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 15:25	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 15:25	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 13:29*	*11/08/25 15:25*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/06/25 13:29*	*11/08/25 15:25*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/06/25 22:46	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 22:46	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*11/06/25 09:59*	*11/06/25 22:46*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*11/06/25 09:59*	*11/06/25 22:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24**		10		mg/Kg			11/07/25 15:17	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-255 2'

Date Collected: 11/04/25 13:08
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-14

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 15:46	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 15:46	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 15:46	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 13:29*	*11/08/25 15:46*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:29*	*11/08/25 15:46*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/06/25 23:01	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 23:01	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*11/06/25 09:59*	*11/06/25 23:01*	*1*
o-Terphenyl	*109*		*70 - 130*	*11/06/25 09:59*	*11/06/25 23:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18**		9.9		mg/Kg			11/07/25 15:23	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-249 2'

Date Collected: 11/04/25 13:10
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-15

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 16:06	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 16:06	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 16:06	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*11/06/25 13:29*	*11/08/25 16:06*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/06/25 13:29*	*11/08/25 16:06*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/06/25 23:16	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 23:16	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*11/06/25 09:59*	*11/06/25 23:16*	*1*
o-Terphenyl	*118*		*70 - 130*	*11/06/25 09:59*	*11/06/25 23:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20**		10		mg/Kg			11/07/25 15:40	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-248 2'

Date Collected: 11/04/25 13:14
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-16

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 16:27	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 16:27	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 16:27	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/06/25 13:29*	*11/08/25 16:27*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/06/25 13:29*	*11/08/25 16:27*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/06/25 23:31	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 23:31	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*11/06/25 09:59*	*11/06/25 23:31*	*1*
o-Terphenyl	*122*		*70 - 130*	*11/06/25 09:59*	*11/06/25 23:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29**		9.9		mg/Kg			11/07/25 15:46	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-436 2'

Date Collected: 11/04/25 13:20
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-18

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 16:47	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 16:47	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 16:47	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 13:29*	*11/08/25 16:47*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/06/25 13:29*	*11/08/25 16:47*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/07/25 00:02	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 00:02	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*11/06/25 09:59*	*11/07/25 00:02*	*1*
o-Terphenyl	*110*		*70 - 130*	*11/06/25 09:59*	*11/07/25 00:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		9.9		mg/Kg			11/07/25 16:04	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-239 2'

Date Collected: 11/04/25 13:23
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-19

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 17:08	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 17:08	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 17:08	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/06/25 13:29*	*11/08/25 17:08*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:29*	*11/08/25 17:08*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/07/25 00:19	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 00:19	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*11/06/25 09:59*	*11/07/25 00:19*	*1*
o-Terphenyl	*109*		*70 - 130*	*11/06/25 09:59*	*11/07/25 00:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13**		10		mg/Kg			11/07/25 16:10	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-238 2'
Date Collected: 11/04/25 13:25
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-20
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 17:28	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 17:28	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 17:28	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 13:29*	*11/08/25 17:28*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:29*	*11/08/25 17:28*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/07/25 00:50	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 00:50	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*11/06/25 09:59*	*11/07/25 00:50*	*1*
o-Terphenyl	*107*		*70 - 130*	*11/06/25 09:59*	*11/07/25 00:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13**		10		mg/Kg			11/07/25 16:16	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-237 2'

Date Collected: 11/04/25 13:28
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-21

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 22:55	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 22:55	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 22:55	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/07/25 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*11/06/25 13:32*	*11/07/25 22:55*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/06/25 13:32*	*11/07/25 22:55*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/07/25 01:05	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 01:05	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*11/06/25 09:59*	*11/07/25 01:05*	*1*
o-Terphenyl	*108*		*70 - 130*	*11/06/25 09:59*	*11/07/25 01:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18**		10		mg/Kg			11/07/25 16:21	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-236 2'

Date Collected: 11/04/25 13:30
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-22

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 23:16	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 23:16	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 23:16	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/07/25 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*11/06/25 13:32*	*11/07/25 23:16*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/06/25 13:32*	*11/07/25 23:16*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/07/25 01:21	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 01:21	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*11/06/25 09:59*	*11/07/25 01:21*	*1*
o-Terphenyl	*117*		*70 - 130*	*11/06/25 09:59*	*11/07/25 01:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29**		10		mg/Kg			11/07/25 16:27	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-205 2'

Date Collected: 11/04/25 13:33
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-23

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 23:37	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 23:37	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 23:37	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/07/25 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/06/25 13:32*	*11/07/25 23:37*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/06/25 13:32*	*11/07/25 23:37*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/07/25 01:36	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 01:36	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*11/06/25 09:59*	*11/07/25 01:36*	*1*
o-Terphenyl	*110*		*70 - 130*	*11/06/25 09:59*	*11/07/25 01:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10**		10		mg/Kg			11/07/25 16:33	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-206 2'

Date Collected: 11/04/25 13:35
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-24

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 23:57	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 23:57	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 23:57	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/07/25 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*11/06/25 13:32*	*11/07/25 23:57*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/06/25 13:32*	*11/07/25 23:57*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/07/25 01:52	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 01:52	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*11/06/25 09:59*	*11/07/25 01:52*	*1*
o-Terphenyl	*110*		*70 - 130*	*11/06/25 09:59*	*11/07/25 01:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		10		mg/Kg			11/07/25 16:39	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-207 2'

Date Collected: 11/04/25 13:38
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-25

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 00:17	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 00:17	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 00:17	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*11/06/25 13:32*	*11/08/25 00:17*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/06/25 13:32*	*11/08/25 00:17*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/07/25 02:07	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 02:07	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*11/06/25 09:59*	*11/07/25 02:07*	*1*
o-Terphenyl	*112*		*70 - 130*	*11/06/25 09:59*	*11/07/25 02:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34**		10		mg/Kg			11/07/25 17:26	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-208 2'

Date Collected: 11/04/25 13:40
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-26

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 00:38	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 00:38	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 00:38	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/06/25 13:32*	*11/08/25 00:38*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:32*	*11/08/25 00:38*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/07/25 02:24	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 02:24	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*11/06/25 09:59*	*11/07/25 02:24*	*1*
o-Terphenyl	*106*		*70 - 130*	*11/06/25 09:59*	*11/07/25 02:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12**		10		mg/Kg			11/07/25 17:43	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-228 2'

Date Collected: 11/04/25 13:44
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-27

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 00:58	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 00:58	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 00:58	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 13:32*	*11/08/25 00:58*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/06/25 13:32*	*11/08/25 00:58*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/07/25 02:38	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 02:38	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*11/06/25 09:59*	*11/07/25 02:38*	*1*
o-Terphenyl	*109*		*70 - 130*	*11/06/25 09:59*	*11/07/25 02:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17		10		mg/Kg			11/07/25 17:49	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-227 2'

Date Collected: 11/04/25 13:48
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-28

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 01:19	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 01:19	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 01:19	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 13:32*	*11/08/25 01:19*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/06/25 13:32*	*11/08/25 01:19*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/07/25 02:55	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 02:55	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*11/06/25 09:59*	*11/07/25 02:55*	*1*
o-Terphenyl	*123*		*70 - 130*	*11/06/25 09:59*	*11/07/25 02:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21**		10		mg/Kg			11/07/25 17:55	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-223 2'

Date Collected: 11/04/25 13:50
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-29

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 01:39	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 01:39	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 01:39	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/06/25 13:32*	*11/08/25 01:39*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/06/25 13:32*	*11/08/25 01:39*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/07/25 03:09	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 03:09	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/07/25 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*11/06/25 09:59*	*11/07/25 03:09*	*1*
o-Terphenyl	*115*		*70 - 130*	*11/06/25 09:59*	*11/07/25 03:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27**		10		mg/Kg			11/07/25 18:01	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-198 2'

Date Collected: 11/04/25 13:54
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-30

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 02:00	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 02:00	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 02:00	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/06/25 13:32*	*11/08/25 02:00*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/06/25 13:32*	*11/08/25 02:00*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 23:57	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 23:57	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*11/06/25 10:01*	*11/07/25 23:57*	*1*
o-Terphenyl	*97*		*70 - 130*	*11/06/25 10:01*	*11/07/25 23:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21**		9.9		mg/Kg			11/07/25 18:18	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-199 2'
Date Collected: 11/04/25 13:58
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-31
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 03:33	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 03:33	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 03:33	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/06/25 13:32*	*11/08/25 03:33*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/06/25 13:32*	*11/08/25 03:33*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 00:42	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 00:42	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*11/06/25 10:01*	*11/08/25 00:42*	*1*
o-Terphenyl	*85*		*70 - 130*	*11/06/25 10:01*	*11/08/25 00:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17**		10		mg/Kg			11/07/25 18:24	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-200 2'

Date Collected: 11/04/25 14:00
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-32

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 03:54	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 03:54	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 03:54	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/06/25 13:32*	*11/08/25 03:54*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/06/25 13:32*	*11/08/25 03:54*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 00:58	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 00:58	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*11/06/25 10:01*	*11/08/25 00:58*	*1*
o-Terphenyl	*94*		*70 - 130*	*11/06/25 10:01*	*11/08/25 00:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13**		9.9		mg/Kg			11/07/25 18:30	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-201 2'

Date Collected: 11/04/25 14:02
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-33

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 04:14	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 04:14	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 04:14	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*11/06/25 13:32*	*11/08/25 04:14*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:32*	*11/08/25 04:14*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 01:13	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 01:13	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*11/06/25 10:01*	*11/08/25 01:13*	*1*
o-Terphenyl	*91*		*70 - 130*	*11/06/25 10:01*	*11/08/25 01:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		9.9		mg/Kg			11/07/25 18:36	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-202 2'

Date Collected: 11/04/25 14:05
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-34

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 04:35	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 04:35	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 04:35	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/06/25 13:32*	*11/08/25 04:35*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/06/25 13:32*	*11/08/25 04:35*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 01:28	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 01:28	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*68*	*S1-*	*70 - 130*	*11/06/25 10:01*	*11/08/25 01:28*	*1*
o-Terphenyl	*82*		*70 - 130*	*11/06/25 10:01*	*11/08/25 01:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		9.9		mg/Kg			11/07/25 18:42	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-203 2'

Date Collected: 11/04/25 14:08
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-35

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 04:55	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 04:55	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 04:55	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 13:32*	*11/08/25 04:55*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/06/25 13:32*	*11/08/25 04:55*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 01:43	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 01:43	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*11/06/25 10:01*	*11/08/25 01:43*	*1*
o-Terphenyl	*94*		*70 - 130*	*11/06/25 10:01*	*11/08/25 01:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		10		mg/Kg			11/07/25 18:47	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-187 2'

Date Collected: 11/04/25 14:10
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-36

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 05:16	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 05:16	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 05:16	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*11/06/25 13:32*	*11/08/25 05:16*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:32*	*11/08/25 05:16*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 01:58	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 01:58	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*11/06/25 10:01*	*11/08/25 01:58*	*1*
o-Terphenyl	*91*		*70 - 130*	*11/06/25 10:01*	*11/08/25 01:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15**		9.9		mg/Kg			11/07/25 19:05	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-188 2'

Date Collected: 11/04/25 14:12
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-37

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 05:36	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 05:36	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 05:36	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/06/25 13:32*	*11/08/25 05:36*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/06/25 13:32*	*11/08/25 05:36*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 02:15	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 02:15	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*11/06/25 10:01*	*11/08/25 02:15*	*1*
o-Terphenyl	*88*		*70 - 130*	*11/06/25 10:01*	*11/08/25 02:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13**		9.9		mg/Kg			11/07/25 19:11	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-189 2'

Date Collected: 11/04/25 14:15
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-38

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 05:57	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 05:57	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 05:57	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/06/25 13:32*	*11/08/25 05:57*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/06/25 13:32*	*11/08/25 05:57*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 02:29	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 02:29	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*11/06/25 10:01*	*11/08/25 02:29*	*1*
o-Terphenyl	*88*		*70 - 130*	*11/06/25 10:01*	*11/08/25 02:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19**		10		mg/Kg			11/07/25 19:28	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-190 2'

Date Collected: 11/04/25 14:18
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-39

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 06:17	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 06:17	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 06:17	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 06:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/06/25 13:32*	*11/08/25 06:17*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/06/25 13:32*	*11/08/25 06:17*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 02:46	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 02:46	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*11/06/25 10:01*	*11/08/25 02:46*	*1*
o-Terphenyl	*91*		*70 - 130*	*11/06/25 10:01*	*11/08/25 02:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		9.9		mg/Kg			11/07/25 19:34	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-179 2'

Date Collected: 11/04/25 14:20
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-40

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 06:37	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 06:37	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/08/25 06:37	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/08/25 06:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*11/06/25 13:32*	*11/08/25 06:37*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/06/25 13:32*	*11/08/25 06:37*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 03:16	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 03:16	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*11/06/25 10:01*	*11/08/25 03:16*	*1*
o-Terphenyl	*91*		*70 - 130*	*11/06/25 10:01*	*11/08/25 03:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16**		9.9		mg/Kg			11/08/25 12:04	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-180 2'

Date Collected: 11/04/25 14:23
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-41

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/07/25 23:01	1
Toluene	ND	F1	0.0020		mg/Kg		11/06/25 13:35	11/07/25 23:01	1
Ethylbenzene	ND	F1	0.0020		mg/Kg		11/06/25 13:35	11/07/25 23:01	1
Xylenes, Total	ND	F1	0.0040		mg/Kg		11/06/25 13:35	11/07/25 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*11/06/25 13:35*	*11/07/25 23:01*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/06/25 13:35*	*11/07/25 23:01*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 03:31	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 03:31	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*11/06/25 10:01*	*11/08/25 03:31*	*1*
o-Terphenyl	*89*		*70 - 130*	*11/06/25 10:01*	*11/08/25 03:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92		9.9		mg/Kg			11/07/25 19:42	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-181 2'

Date Collected: 11/04/25 14:25
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-42

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/07/25 23:21	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/07/25 23:21	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/07/25 23:21	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/07/25 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*11/06/25 13:35*	*11/07/25 23:21*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*11/06/25 13:35*	*11/07/25 23:21*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 03:46	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 03:46	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*11/06/25 10:01*	*11/08/25 03:46*	*1*
o-Terphenyl	*98*		*70 - 130*	*11/06/25 10:01*	*11/08/25 03:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15**		9.9		mg/Kg			11/07/25 19:48	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-182 2'

Date Collected: 11/04/25 14:28
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-43

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/07/25 23:42	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/07/25 23:42	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/07/25 23:42	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/07/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*11/06/25 13:35*	*11/07/25 23:42*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/06/25 13:35*	*11/07/25 23:42*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 04:01	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 04:01	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*11/06/25 10:01*	*11/08/25 04:01*	*1*
o-Terphenyl	*96*		*70 - 130*	*11/06/25 10:01*	*11/08/25 04:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		10		mg/Kg			11/07/25 19:53	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-184 2'

Date Collected: 11/04/25 14:30
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-44

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 00:02	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 00:02	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 00:02	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*11/06/25 13:35*	*11/08/25 00:02*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/06/25 13:35*	*11/08/25 00:02*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 04:16	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 04:16	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*11/06/25 10:01*	*11/08/25 04:16*	*1*
o-Terphenyl	*100*		*70 - 130*	*11/06/25 10:01*	*11/08/25 04:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		9.9		mg/Kg			11/07/25 19:59	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-172 2'

Date Collected: 11/04/25 14:33
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-45

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 00:23	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 00:23	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 00:23	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*11/06/25 13:35*	*11/08/25 00:23*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/06/25 13:35*	*11/08/25 00:23*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 04:32	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 04:32	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*11/06/25 10:01*	*11/08/25 04:32*	*1*
o-Terphenyl	*97*		*70 - 130*	*11/06/25 10:01*	*11/08/25 04:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28**		9.9		mg/Kg			11/07/25 19:09	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-173 2'

Date Collected: 11/04/25 14:36
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-46

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 00:43	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 00:43	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 00:43	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*11/06/25 13:35*	*11/08/25 00:43*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/06/25 13:35*	*11/08/25 00:43*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 04:47	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 04:47	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*11/06/25 10:01*	*11/08/25 04:47*	*1*
o-Terphenyl	*99*		*70 - 130*	*11/06/25 10:01*	*11/08/25 04:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13**		10		mg/Kg			11/07/25 19:24	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-174 2'

Date Collected: 11/04/25 14:40
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-47

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 01:04	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 01:04	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 01:04	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*11/06/25 13:35*	*11/08/25 01:04*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/06/25 13:35*	*11/08/25 01:04*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 05:03	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 05:03	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*11/06/25 10:01*	*11/08/25 05:03*	*1*
o-Terphenyl	*100*		*70 - 130*	*11/06/25 10:01*	*11/08/25 05:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21**		10		mg/Kg			11/07/25 19:30	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-175 2'

Date Collected: 11/04/25 14:42
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-48

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 01:25	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 01:25	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 01:25	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*11/06/25 13:35*	*11/08/25 01:25*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 13:35*	*11/08/25 01:25*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 05:18	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 05:18	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 05:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*11/06/25 10:01*	*11/08/25 05:18*	*1*
o-Terphenyl	*100*		*70 - 130*	*11/06/25 10:01*	*11/08/25 05:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22**		9.9		mg/Kg			11/07/25 19:35	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-166 2'

Date Collected: 11/04/25 14:45
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-49

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 01:45	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 01:45	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 01:45	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*11/06/25 13:35*	*11/08/25 01:45*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/06/25 13:35*	*11/08/25 01:45*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/08/25 05:34	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 05:34	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/08/25 05:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*11/06/25 10:01*	*11/08/25 05:34*	*1*
o-Terphenyl	*98*		*70 - 130*	*11/06/25 10:01*	*11/08/25 05:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15**		9.9		mg/Kg			11/07/25 19:40	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-167 2'

Date Collected: 11/04/25 14:48
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-50

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 02:06	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 02:06	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 02:06	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*11/06/25 13:35*	*11/08/25 02:06*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/06/25 13:35*	*11/08/25 02:06*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 16:19	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 16:19	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*11/06/25 10:01*	*11/07/25 16:19*	*1*
o-Terphenyl	*101*		*70 - 130*	*11/06/25 10:01*	*11/07/25 16:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16**		10		mg/Kg			11/07/25 19:56	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-168 2'

Date Collected: 11/04/25 14:50
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-51

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 03:40	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 03:40	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 03:40	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*11/06/25 13:35*	*11/08/25 03:40*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/06/25 13:35*	*11/08/25 03:40*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 17:04	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 17:04	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*11/06/25 10:01*	*11/07/25 17:04*	*1*
o-Terphenyl	*101*		*70 - 130*	*11/06/25 10:01*	*11/07/25 17:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15**		9.9		mg/Kg			11/07/25 20:01	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-169 2'

Date Collected: 11/04/25 14:53
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-52

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 04:01	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 04:01	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 04:01	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*11/06/25 13:35*	*11/08/25 04:01*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/06/25 13:35*	*11/08/25 04:01*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 17:19	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 17:19	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*11/06/25 10:01*	*11/07/25 17:19*	*1*
o-Terphenyl	*99*		*70 - 130*	*11/06/25 10:01*	*11/07/25 17:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15**		10		mg/Kg			11/07/25 20:06	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-170 2'

Date Collected: 11/04/25 14:55
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-53

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 04:21	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 04:21	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 04:21	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*11/06/25 13:35*	*11/08/25 04:21*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*11/06/25 13:35*	*11/08/25 04:21*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 17:35	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 17:35	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*11/06/25 10:01*	*11/07/25 17:35*	*1*
o-Terphenyl	*89*		*70 - 130*	*11/06/25 10:01*	*11/07/25 17:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13**		10		mg/Kg			11/07/25 20:12	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-162 2'

Date Collected: 11/04/25 14:58
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-54

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 04:42	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 04:42	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 04:42	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*11/06/25 13:35*	*11/08/25 04:42*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/06/25 13:35*	*11/08/25 04:42*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 17:50	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 17:50	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*11/06/25 10:01*	*11/07/25 17:50*	*1*
o-Terphenyl	*95*		*70 - 130*	*11/06/25 10:01*	*11/07/25 17:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21**		10		mg/Kg			11/07/25 20:17	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-163 2'

Date Collected: 11/04/25 15:00
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-55

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 05:03	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 05:03	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 05:03	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*11/06/25 13:35*	*11/08/25 05:03*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 13:35*	*11/08/25 05:03*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 18:04	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 18:04	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*11/06/25 10:01*	*11/07/25 18:04*	*1*
o-Terphenyl	*94*		*70 - 130*	*11/06/25 10:01*	*11/07/25 18:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15**		9.9		mg/Kg			11/07/25 20:22	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-164 2'

Date Collected: 11/04/25 15:03
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-56

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 05:23	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 05:23	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 05:23	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/06/25 13:35*	*11/08/25 05:23*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/06/25 13:35*	*11/08/25 05:23*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 18:19	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 18:19	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*11/06/25 10:01*	*11/07/25 18:19*	*1*
o-Terphenyl	*96*		*70 - 130*	*11/06/25 10:01*	*11/07/25 18:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18**		9.9		mg/Kg			11/07/25 20:38	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-165 2'

Date Collected: 11/04/25 15:06
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-57

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 05:44	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 05:44	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 05:44	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*11/06/25 13:35*	*11/08/25 05:44*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/06/25 13:35*	*11/08/25 05:44*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 18:36	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 18:36	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*11/06/25 10:01*	*11/07/25 18:36*	*1*
o-Terphenyl	*103*		*70 - 130*	*11/06/25 10:01*	*11/07/25 18:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20**		10		mg/Kg			11/07/25 20:43	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-157 2'

Date Collected: 11/04/25 15:10
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-58

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 06:04	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 06:04	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 06:04	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/06/25 13:35*	*11/08/25 06:04*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/06/25 13:35*	*11/08/25 06:04*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 18:51	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 18:51	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*11/06/25 10:01*	*11/07/25 18:51*	*1*
o-Terphenyl	*96*		*70 - 130*	*11/06/25 10:01*	*11/07/25 18:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		9.9		mg/Kg			11/07/25 20:59	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-158 2'

Date Collected: 11/04/25 15:12
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-59

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 06:25	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 06:25	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 06:25	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 06:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*11/06/25 13:35*	*11/08/25 06:25*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 13:35*	*11/08/25 06:25*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 19:06	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 19:06	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*11/06/25 10:01*	*11/07/25 19:06*	*1*
o-Terphenyl	*96*		*70 - 130*	*11/06/25 10:01*	*11/07/25 19:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17		10		mg/Kg			11/07/25 21:04	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-159 2'

Date Collected: 11/04/25 15:15
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-60

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 06:45	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 06:45	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/08/25 06:45	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/08/25 06:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*11/06/25 13:35*	*11/08/25 06:45*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/06/25 13:35*	*11/08/25 06:45*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 19:37	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 19:37	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*11/06/25 10:01*	*11/07/25 19:37*	*1*
o-Terphenyl	*88*		*70 - 130*	*11/06/25 10:01*	*11/07/25 19:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		10		mg/Kg			11/07/25 21:09	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-153 2'

Date Collected: 11/04/25 15:18
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-61

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	F1 F2	0.0020		mg/Kg		11/06/25 13:37	11/08/25 10:02	1
Toluene	ND	F1 F2	0.0020		mg/Kg		11/06/25 13:37	11/08/25 10:02	1
Ethylbenzene	ND	F1	0.0020		mg/Kg		11/06/25 13:37	11/08/25 10:02	1
Xylenes, Total	ND	F1	0.0040		mg/Kg		11/06/25 13:37	11/08/25 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*11/06/25 13:37*	*11/08/25 10:02*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/06/25 13:37*	*11/08/25 10:02*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 19:52	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 19:52	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*11/06/25 10:01*	*11/07/25 19:52*	*1*
o-Terphenyl	*91*		*70 - 130*	*11/06/25 10:01*	*11/07/25 19:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21**		10		mg/Kg			11/07/25 21:15	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-154 2'

Date Collected: 11/04/25 15:20
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-62

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 10:22	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 10:22	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 10:22	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 10:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*11/06/25 13:37*	*11/08/25 10:22*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/06/25 13:37*	*11/08/25 10:22*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 20:07	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 20:07	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*11/06/25 10:01*	*11/07/25 20:07*	*1*
o-Terphenyl	*92*		*70 - 130*	*11/06/25 10:01*	*11/07/25 20:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		10		mg/Kg			11/07/25 21:20	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-148 2'

Date Collected: 11/04/25 15:23
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-63

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 10:43	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 10:43	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 10:43	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/06/25 13:37*	*11/08/25 10:43*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/06/25 13:37*	*11/08/25 10:43*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 20:22	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 20:22	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*11/06/25 10:01*	*11/07/25 20:22*	*1*
o-Terphenyl	*95*		*70 - 130*	*11/06/25 10:01*	*11/07/25 20:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10**		9.9		mg/Kg			11/07/25 21:25	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-149 2'

Date Collected: 11/04/25 15:25
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-64

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 11:03	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 11:03	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 11:03	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 11:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*11/06/25 13:37*	*11/08/25 11:03*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*11/06/25 13:37*	*11/08/25 11:03*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 20:38	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 20:38	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*11/06/25 10:01*	*11/07/25 20:38*	*1*
o-Terphenyl	*92*		*70 - 130*	*11/06/25 10:01*	*11/07/25 20:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			11/07/25 21:30	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-150 2'

Date Collected: 11/04/25 15:28
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-65

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 11:24	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 11:24	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 11:24	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 11:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/06/25 13:37*	*11/08/25 11:24*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/06/25 13:37*	*11/08/25 11:24*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 20:53	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 20:53	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*11/06/25 10:01*	*11/07/25 20:53*	*1*
o-Terphenyl	*94*		*70 - 130*	*11/06/25 10:01*	*11/07/25 20:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		10		mg/Kg			11/07/25 16:05	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-144 2'

Date Collected: 11/04/25 15:30
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-66

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 12:10	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 12:10	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 12:10	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/06/25 13:37*	*11/08/25 12:10*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 13:37*	*11/08/25 12:10*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 21:09	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 21:09	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*11/06/25 10:01*	*11/07/25 21:09*	*1*
o-Terphenyl	*99*		*70 - 130*	*11/06/25 10:01*	*11/07/25 21:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23**		10		mg/Kg			11/07/25 16:21	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-122 3.5'
Date Collected: 11/04/25 15:33
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-67
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 12:30	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 12:30	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 12:30	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*11/06/25 13:37*	*11/08/25 12:30*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/06/25 13:37*	*11/08/25 12:30*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 21:24	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 21:24	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*11/06/25 10:01*	*11/07/25 21:24*	*1*
o-Terphenyl	*96*		*70 - 130*	*11/06/25 10:01*	*11/07/25 21:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		10		mg/Kg			11/07/25 16:26	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-127 3'

Date Collected: 11/04/25 15:35
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-68

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 12:51	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 12:51	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 12:51	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*11/06/25 13:37*	*11/08/25 12:51*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/06/25 13:37*	*11/08/25 12:51*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 21:39	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 21:39	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*11/06/25 10:01*	*11/07/25 21:39*	*1*
o-Terphenyl	*97*		*70 - 130*	*11/06/25 10:01*	*11/07/25 21:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26**		10		mg/Kg			11/07/25 16:31	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-116 3.5'
Date Collected: 11/04/25 15:38
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-69
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 13:11	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 13:11	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 13:11	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*11/06/25 13:37*	*11/08/25 13:11*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/06/25 13:37*	*11/08/25 13:11*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 21:54	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 21:54	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*11/06/25 10:01*	*11/07/25 21:54*	*1*
o-Terphenyl	*93*		*70 - 130*	*11/06/25 10:01*	*11/07/25 21:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16**		10		mg/Kg			11/07/25 16:36	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-125 3.5'

Date Collected: 11/04/25 15:40
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-70

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 13:32	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 13:32	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 13:32	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*11/06/25 13:37*	*11/08/25 13:32*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/06/25 13:37*	*11/08/25 13:32*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND	F1	50		mg/Kg		11/06/25 10:02	11/06/25 19:41	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 19:41	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*11/06/25 10:02*	*11/06/25 19:41*	*1*
o-Terphenyl	*99*		*70 - 130*	*11/06/25 10:02*	*11/06/25 19:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			11/07/25 16:52	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-60 8'

Date Collected: 11/04/25 15:45
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-72

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 15:06	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 15:06	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 15:06	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*11/06/25 13:37*	*11/08/25 15:06*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/06/25 13:37*	*11/08/25 15:06*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 20:40	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 20:40	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*11/06/25 10:02*	*11/06/25 20:40*	*1*
o-Terphenyl	*97*		*70 - 130*	*11/06/25 10:02*	*11/06/25 20:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		10		mg/Kg			11/07/25 16:57	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-64 8'

Date Collected: 11/04/25 15:48
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-73

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 15:26	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 15:26	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 15:26	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*11/06/25 13:37*	*11/08/25 15:26*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 13:37*	*11/08/25 15:26*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 20:55	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 20:55	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*11/06/25 10:02*	*11/06/25 20:55*	*1*
o-Terphenyl	*101*		*70 - 130*	*11/06/25 10:02*	*11/06/25 20:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		9.9		mg/Kg			11/07/25 17:03	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-65 8'

Date Collected: 11/04/25 15:50
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-74

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 15:47	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 15:47	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 15:47	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*11/06/25 13:37*	*11/08/25 15:47*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/06/25 13:37*	*11/08/25 15:47*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 21:09	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 21:09	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*11/06/25 10:02*	*11/06/25 21:09*	*1*
o-Terphenyl	*98*		*70 - 130*	*11/06/25 10:02*	*11/06/25 21:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12**		10		mg/Kg			11/07/25 17:08	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-76 8'

Date Collected: 11/04/25 15:53
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-75

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 16:07	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 16:07	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 16:07	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*11/06/25 13:37*	*11/08/25 16:07*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:37*	*11/08/25 16:07*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 21:23	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 21:23	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*11/06/25 10:02*	*11/06/25 21:23*	*1*
o-Terphenyl	*110*		*70 - 130*	*11/06/25 10:02*	*11/06/25 21:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16**		9.9		mg/Kg			11/07/25 17:13	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-66 8'

Date Collected: 11/04/25 15:56
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-76

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 16:28	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 16:28	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 16:28	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*11/06/25 13:37*	*11/08/25 16:28*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:37*	*11/08/25 16:28*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 21:37	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 21:37	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*11/06/25 10:02*	*11/06/25 21:37*	*1*
o-Terphenyl	*105*		*70 - 130*	*11/06/25 10:02*	*11/06/25 21:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17**		10		mg/Kg			11/07/25 17:18	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-89 8'

Date Collected: 11/04/25 16:00
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-77

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 16:48	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 16:48	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 16:48	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*11/06/25 13:37*	*11/08/25 16:48*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/06/25 13:37*	*11/08/25 16:48*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 21:52	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 21:52	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*11/06/25 10:02*	*11/06/25 21:52*	*1*
o-Terphenyl	*102*		*70 - 130*	*11/06/25 10:02*	*11/06/25 21:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		10		mg/Kg			11/07/25 17:34	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-90 8'

Date Collected: 11/04/25 16:03
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-78

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 17:09	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 17:09	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 17:09	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*11/06/25 13:37*	*11/08/25 17:09*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/06/25 13:37*	*11/08/25 17:09*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 22:07	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 22:07	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*11/06/25 10:02*	*11/06/25 22:07*	*1*
o-Terphenyl	*115*		*70 - 130*	*11/06/25 10:02*	*11/06/25 22:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			11/07/25 17:39	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-91 8'

Date Collected: 11/04/25 16:05
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-79

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 17:29	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 17:29	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 17:29	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*11/06/25 13:37*	*11/08/25 17:29*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/06/25 13:37*	*11/08/25 17:29*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 22:21	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 22:21	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*11/06/25 10:02*	*11/06/25 22:21*	*1*
o-Terphenyl	*110*		*70 - 130*	*11/06/25 10:02*	*11/06/25 22:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20**		10		mg/Kg			11/07/25 17:55	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-88 8'

Date Collected: 11/04/25 16:08
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-80

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 17:50	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 17:50	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 17:50	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*11/06/25 13:37*	*11/08/25 17:50*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/06/25 13:37*	*11/08/25 17:50*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 22:51	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 22:51	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*11/06/25 10:02*	*11/06/25 22:51*	*1*
o-Terphenyl	*100*		*70 - 130*	*11/06/25 10:02*	*11/06/25 22:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91**		9.9		mg/Kg			11/07/25 18:00	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-92 8'

Date Collected: 11/04/25 16:10
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-81

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 22:55	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 22:55	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 22:55	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/07/25 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/07/25 22:55*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/06/25 13:48*	*11/07/25 22:55*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 23:06	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 23:06	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*11/06/25 10:02*	*11/06/25 23:06*	*1*
o-Terphenyl	*103*		*70 - 130*	*11/06/25 10:02*	*11/06/25 23:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		10		mg/Kg			11/07/25 18:06	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-40 5'

Date Collected: 11/04/25 16:13
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-82

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 23:15	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 23:15	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 23:15	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/07/25 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/07/25 23:15*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/06/25 13:48*	*11/07/25 23:15*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 23:20	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 23:20	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*11/06/25 10:02*	*11/06/25 23:20*	*1*
o-Terphenyl	*101*		*70 - 130*	*11/06/25 10:02*	*11/06/25 23:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19**		10		mg/Kg			11/07/25 18:11	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: WS25-31 1-5'

Date Collected: 11/04/25 16:15
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-83

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 23:36	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 23:36	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 23:36	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/07/25 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*11/06/25 13:48*	*11/07/25 23:36*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*11/06/25 13:48*	*11/07/25 23:36*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 23:34	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 23:34	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*11/06/25 10:02*	*11/06/25 23:34*	*1*
o-Terphenyl	*106*		*70 - 130*	*11/06/25 10:02*	*11/06/25 23:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		9.9		mg/Kg			11/07/25 18:16	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: WS25-31 5-8'

Date Collected: 11/04/25 16:18
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-84

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 23:56	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 23:56	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 23:56	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/07/25 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/07/25 23:56*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*11/06/25 13:48*	*11/07/25 23:56*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 23:49	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 23:49	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*11/06/25 10:02*	*11/06/25 23:49*	*1*
o-Terphenyl	*104*		*70 - 130*	*11/06/25 10:02*	*11/06/25 23:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		9.9		mg/Kg			11/07/25 18:21	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-120 4'

Date Collected: 11/04/25 16:20
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-85

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 00:16	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 00:16	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 00:16	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 00:16*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*11/06/25 13:48*	*11/08/25 00:16*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 00:03	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 00:03	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*11/06/25 10:02*	*11/07/25 00:03*	*1*
o-Terphenyl	*102*		*70 - 130*	*11/06/25 10:02*	*11/07/25 00:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21**		9.9		mg/Kg			11/07/25 18:27	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-79 4.5'

Date Collected: 11/04/25 16:23
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-86

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 00:37	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 00:37	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 00:37	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 00:37*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*11/06/25 13:48*	*11/08/25 00:37*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 00:19	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 00:19	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*11/06/25 10:02*	*11/07/25 00:19*	*1*
o-Terphenyl	*105*		*70 - 130*	*11/06/25 10:02*	*11/07/25 00:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26**		9.9		mg/Kg			11/09/25 00:09	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: WS25-32 2-5'

Date Collected: 11/04/25 16:25
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-87

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 00:57	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 00:57	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 00:57	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 00:57*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/06/25 13:48*	*11/08/25 00:57*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 00:33	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 00:33	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*11/06/25 10:02*	*11/07/25 00:33*	*1*
o-Terphenyl	*98*		*70 - 130*	*11/06/25 10:02*	*11/07/25 00:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19**		10		mg/Kg			11/09/25 00:27	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: WS25-32 5-8'

Date Collected: 11/04/25 16:28
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-88

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 01:18	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 01:18	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 01:18	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 01:18*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*11/06/25 13:48*	*11/08/25 01:18*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 00:49	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 00:49	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*11/06/25 10:02*	*11/07/25 00:49*	*1*
o-Terphenyl	*109*		*70 - 130*	*11/06/25 10:02*	*11/07/25 00:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			11/09/25 00:33	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-78 3.5'

Date Collected: 11/04/25 16:30
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-89

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 01:38	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 01:38	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 01:38	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 01:38*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/06/25 13:48*	*11/08/25 01:38*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 01:04	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 01:04	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*11/06/25 10:02*	*11/07/25 01:04*	*1*
o-Terphenyl	*96*		*70 - 130*	*11/06/25 10:02*	*11/07/25 01:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12**		9.9		mg/Kg			11/09/25 00:39	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: WS25-33 7-8'

Date Collected: 11/04/25 16:33
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-90

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 01:58	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 01:58	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 01:58	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 01:58*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*11/06/25 13:48*	*11/08/25 01:58*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 16:19	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 16:19	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*11/06/25 10:02*	*11/07/25 16:19*	*1*
o-Terphenyl	*116*		*70 - 130*	*11/06/25 10:02*	*11/07/25 16:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			11/09/25 00:45	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: WS25-34 3-5'

Date Collected: 11/04/25 16:35
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-91

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 03:32	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 03:32	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 03:32	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 03:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*11/06/25 13:48*	*11/08/25 03:32*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*11/06/25 13:48*	*11/08/25 03:32*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 17:04	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 17:04	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*11/06/25 10:02*	*11/07/25 17:04*	*1*
o-Terphenyl	*117*		*70 - 130*	*11/06/25 10:02*	*11/07/25 17:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13**		9.9		mg/Kg			11/10/25 08:43	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-299 2'

Date Collected: 11/04/25 16:38
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-92

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 03:52	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 03:52	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 03:52	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 03:52*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*11/06/25 13:48*	*11/08/25 03:52*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 17:19	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 17:19	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*11/06/25 10:02*	*11/07/25 17:19*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 130*	*11/06/25 10:02*	*11/07/25 17:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**420**		10		mg/Kg			11/09/25 01:04	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-278 2'

Date Collected: 11/04/25 16:40
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-93

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 04:13	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 04:13	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 04:13	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 04:13*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*11/06/25 13:48*	*11/08/25 04:13*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 17:35	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 17:35	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*11/06/25 10:02*	*11/07/25 17:35*	*1*
o-Terphenyl	*114*		*70 - 130*	*11/06/25 10:02*	*11/07/25 17:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		10		mg/Kg			11/09/25 01:10	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-424 2'

Date Collected: 11/04/25 16:43
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-94

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 04:33	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 04:33	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 04:33	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 04:33*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/06/25 13:48*	*11/08/25 04:33*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 17:50	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 17:50	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*11/06/25 10:02*	*11/07/25 17:50*	*1*
o-Terphenyl	*156*	*S1+*	*70 - 130*	*11/06/25 10:02*	*11/07/25 17:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**280**		50		mg/Kg			11/09/25 01:16	5

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-423 2'

Date Collected: 11/04/25 16:48
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-96

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 04:53	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 04:53	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 04:53	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*11/06/25 13:48*	*11/08/25 04:53*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*11/06/25 13:48*	*11/08/25 04:53*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 18:19	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 18:19	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*11/06/25 10:02*	*11/07/25 18:19*	*1*
o-Terphenyl	*122*		*70 - 130*	*11/06/25 10:02*	*11/07/25 18:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**390**		10		mg/Kg			11/09/25 01:21	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-93 7'

Date Collected: 11/04/25 16:50
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-97

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 05:14	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 05:14	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 05:14	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 05:14*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:48*	*11/08/25 05:14*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 18:36	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 18:36	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*11/06/25 10:02*	*11/07/25 18:36*	*1*
o-Terphenyl	*115*		*70 - 130*	*11/06/25 10:02*	*11/07/25 18:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**630**	**F1**	10		mg/Kg			11/09/25 01:27	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-94 7'

Date Collected: 11/04/25 16:55
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-98

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 05:34	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 05:34	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 05:34	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 05:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 05:34*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/06/25 13:48*	*11/08/25 05:34*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 18:51	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 18:51	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*11/06/25 10:02*	*11/07/25 18:51*	*1*
o-Terphenyl	*115*		*70 - 130*	*11/06/25 10:02*	*11/07/25 18:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**670**		10		mg/Kg			11/09/25 01:45	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-62 5'
Date Collected: 11/04/25 17:00
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-99
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 05:55	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 05:55	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 05:55	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 05:55*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*11/06/25 13:48*	*11/08/25 05:55*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 19:06	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 19:06	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*11/06/25 10:02*	*11/07/25 19:06*	*1*
o-Terphenyl	*118*		*70 - 130*	*11/06/25 10:02*	*11/07/25 19:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**340**		10		mg/Kg			11/09/25 01:51	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-105 4'

Date Collected: 11/04/25 17:05
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-100

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 06:15	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 06:15	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 06:15	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 06:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*11/06/25 13:48*	*11/08/25 06:15*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*11/06/25 13:48*	*11/08/25 06:15*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 19:37	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 19:37	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*11/06/25 10:02*	*11/07/25 19:37*	*1*
o-Terphenyl	*115*		*70 - 130*	*11/06/25 10:02*	*11/07/25 19:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**300**		9.9		mg/Kg			11/09/25 02:08	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-95 7'

Date Collected: 11/04/25 17:10
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-101

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 06:35	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 06:35	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/08/25 06:35	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/08/25 06:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*160*	*S1+*	*70 - 130*	*11/06/25 13:48*	*11/08/25 06:35*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*11/06/25 13:48*	*11/08/25 06:35*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 19:52	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 19:52	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*11/06/25 10:02*	*11/07/25 19:52*	*1*
o-Terphenyl	*121*		*70 - 130*	*11/06/25 10:02*	*11/07/25 19:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**640**		50		mg/Kg			11/09/25 02:14	5

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-59 8'

Date Collected: 11/04/25 17:12
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-102

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 16:13	11/09/25 02:42	1
Toluene	ND		0.0020		mg/Kg		11/06/25 16:13	11/09/25 02:42	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 16:13	11/09/25 02:42	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 16:13	11/09/25 02:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 16:13*	*11/09/25 02:42*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/06/25 16:13*	*11/09/25 02:42*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 20:07	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 20:07	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*11/06/25 10:02*	*11/07/25 20:07*	*1*
o-Terphenyl	*110*		*70 - 130*	*11/06/25 10:02*	*11/07/25 20:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17**		10		mg/Kg			11/09/25 02:20	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-247 2'

Date Collected: 11/04/25 17:14
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-103

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 16:13	11/09/25 03:03	1
Toluene	ND		0.0020		mg/Kg		11/06/25 16:13	11/09/25 03:03	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 16:13	11/09/25 03:03	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 16:13	11/09/25 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 16:13*	*11/09/25 03:03*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/06/25 16:13*	*11/09/25 03:03*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 20:22	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 20:22	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*11/06/25 10:02*	*11/07/25 20:22*	*1*
o-Terphenyl	*113*		*70 - 130*	*11/06/25 10:02*	*11/07/25 20:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		9.9		mg/Kg			11/09/25 02:26	1

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-276 2'

Date Collected: 11/04/25 17:16
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-104

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 16:13	11/09/25 03:23	1
Toluene	ND		0.0020		mg/Kg		11/06/25 16:13	11/09/25 03:23	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 16:13	11/09/25 03:23	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 16:13	11/09/25 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/06/25 16:13*	*11/09/25 03:23*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/06/25 16:13*	*11/09/25 03:23*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 20:38	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 20:38	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*11/06/25 10:02*	*11/07/25 20:38*	*1*
o-Terphenyl	*118*		*70 - 130*	*11/06/25 10:02*	*11/07/25 20:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50**		9.9		mg/Kg			11/09/25 02:32	1

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-123142/5-A
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123142

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 11:24	11/07/25 11:39	1
Toluene	ND		0.0020		mg/Kg		11/06/25 11:24	11/07/25 11:39	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 11:24	11/07/25 11:39	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 11:24	11/07/25 11:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*11/06/25 11:24*	*11/07/25 11:39*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*11/06/25 11:24*	*11/07/25 11:39*	*1*

Lab Sample ID: MB 880-123143/5-A
Matrix: Solid
Analysis Batch: 123250

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123143

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 11:26	11/07/25 11:38	1
Toluene	ND		0.0020		mg/Kg		11/06/25 11:26	11/07/25 11:38	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 11:26	11/07/25 11:38	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 11:26	11/07/25 11:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*11/06/25 11:26*	*11/07/25 11:38*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*11/06/25 11:26*	*11/07/25 11:38*	*1*

Lab Sample ID: MB 880-123144/5-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123144

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 11:28	11/07/25 11:38	1
Toluene	ND		0.0020		mg/Kg		11/06/25 11:28	11/07/25 11:38	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 11:28	11/07/25 11:38	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 11:28	11/07/25 11:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*11/06/25 11:28*	*11/07/25 11:38*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/06/25 11:28*	*11/07/25 11:38*	*1*

Lab Sample ID: MB 880-123182/5-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123182

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:29	11/08/25 09:30	1

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

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

Lab Sample ID: MB 880-123182/5-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123182

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	11/06/25 13:29	11/08/25 09:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/06/25 13:29	11/08/25 09:30	1

Lab Sample ID: LCS 880-123182/1-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123182

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.102		mg/Kg		102	70 - 130		
Toluene			0.100	0.0947		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.0948		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene			0.200	0.192		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.0945		mg/Kg		95	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-123182/2-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123182

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.114		mg/Kg		114	70 - 130	11	35
Toluene			0.100	0.102		mg/Kg		102	70 - 130	8	35
Ethylbenzene			0.100	0.104		mg/Kg		104	70 - 130	9	35
m-Xylene & p-Xylene			0.200	0.209		mg/Kg		105	70 - 130	9	35
o-Xylene			0.100	0.102		mg/Kg		102	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 885-36939-1 MS
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: BS25-443 2'
Prep Type: Total/NA
Prep Batch: 123182

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.100	0.0713		mg/Kg		71	70 - 130		
Toluene	ND	F1	0.100	0.0631	F1	mg/Kg		63	70 - 130		
Ethylbenzene	ND		0.100	0.0749		mg/Kg		75	70 - 130		
m-Xylene & p-Xylene	ND		0.200	0.150		mg/Kg		75	70 - 130		
o-Xylene	ND		0.100	0.0753		mg/Kg		75	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

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

Lab Sample ID: 885-36939-1 MSD
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: BS25-443 2'
Prep Type: Total/NA
Prep Batch: 123182

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.100	0.0724		mg/Kg		72	70 - 130	2	35
Toluene	ND	F1	0.100	0.0624	F1	mg/Kg		62	70 - 130	1	35
Ethylbenzene	ND		0.100	0.0750		mg/Kg		75	70 - 130	0	35
m-Xylene & p-Xylene	ND		0.200	0.150		mg/Kg		75	70 - 130	0	35
o-Xylene	ND		0.100	0.0753		mg/Kg		75	70 - 130	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 880-123183/5-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123183

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 22:34	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 22:34	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:32	11/07/25 22:34	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:32	11/07/25 22:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/06/25 13:32*	*11/07/25 22:34*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*11/06/25 13:32*	*11/07/25 22:34*	*1*

Lab Sample ID: LCS 880-123183/1-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123183

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.109		mg/Kg		109	70 - 130		
Toluene			0.100	0.101		mg/Kg		101	70 - 130		
Ethylbenzene			0.100	0.103		mg/Kg		103	70 - 130		
m-Xylene & p-Xylene			0.200	0.207		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.101		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-123183/2-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123183

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.111		mg/Kg		111	70 - 130	2	35
Toluene			0.100	0.104		mg/Kg		104	70 - 130	3	35
Ethylbenzene			0.100	0.105		mg/Kg		105	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.210		mg/Kg		105	70 - 130	2	35

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

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

Lab Sample ID: LCSD 880-123183/2-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123183

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene			0.100	0.103		mg/Kg		103	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 885-36939-21 MS
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: BS25-237 2'
Prep Type: Total/NA
Prep Batch: 123183

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.100	0.0888		mg/Kg		89	70 - 130
Toluene	ND		0.100	0.0793		mg/Kg		79	70 - 130
Ethylbenzene	ND		0.100	0.0854		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	ND		0.200	0.170		mg/Kg		85	70 - 130
o-Xylene	ND		0.100	0.0838		mg/Kg		84	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 885-36939-21 MSD
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: BS25-237 2'
Prep Type: Total/NA
Prep Batch: 123183

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.100	0.0915		mg/Kg		92	70 - 130	3	35
Toluene	ND		0.100	0.0815		mg/Kg		81	70 - 130	3	35
Ethylbenzene	ND		0.100	0.0886		mg/Kg		89	70 - 130	4	35
m-Xylene & p-Xylene	ND		0.200	0.179		mg/Kg		89	70 - 130	5	35
o-Xylene	ND		0.100	0.0873		mg/Kg		87	70 - 130	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 880-123189/5-A
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123189

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/07/25 22:39	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:35	11/07/25 22:39	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:35	11/07/25 22:39	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:35	11/07/25 22:39	1

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

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

Lab Sample ID: MB 880-123189/5-A
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123189

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	11/06/25 13:35	11/07/25 22:39	1
1,4-Difluorobenzene (Surr)	93		70 - 130	11/06/25 13:35	11/07/25 22:39	1

Lab Sample ID: LCS 880-123189/1-A
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.112		mg/Kg		112	70 - 130
Toluene	0.100	0.0917		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.0872		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.171		mg/Kg		85	70 - 130
o-Xylene	0.100	0.0888		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-123189/2-A
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123189

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.108		mg/Kg		108	70 - 130	3	35
Toluene	0.100	0.0916		mg/Kg		92	70 - 130	0	35
Ethylbenzene	0.100	0.0970		mg/Kg		97	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.208		mg/Kg		104	70 - 130	20	35
o-Xylene	0.100	0.107		mg/Kg		107	70 - 130	19	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 885-36939-41 MS
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: BS25-180 2'
Prep Type: Total/NA
Prep Batch: 123189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.100	0.0847		mg/Kg		85	70 - 130
Toluene	ND	F1	0.100	0.0656	F1	mg/Kg		66	70 - 130
Ethylbenzene	ND	F1	0.100	0.0648	F1	mg/Kg		65	70 - 130
m-Xylene & p-Xylene	ND	F1	0.200	0.129	F1	mg/Kg		64	70 - 130
o-Xylene	ND		0.100	0.0815		mg/Kg		81	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

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

Lab Sample ID: 885-36939-41 MSD
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: BS25-180 2'
Prep Type: Total/NA
Prep Batch: 123189

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.100	0.0848		mg/Kg		85	70 - 130	0	35
Toluene	ND	F1	0.100	0.0652	F1	mg/Kg		65	70 - 130	1	35
Ethylbenzene	ND	F1	0.100	0.0506	F1	mg/Kg		51	70 - 130	25	35
m-Xylene & p-Xylene	ND	F1	0.200	0.0994	F1	mg/Kg		50	70 - 130	26	35
o-Xylene	ND		0.100	0.0849		mg/Kg		85	70 - 130	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-123191/5-A
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123191

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 09:40	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 09:40	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:37	11/08/25 09:40	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:37	11/08/25 09:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*11/06/25 13:37*	*11/08/25 09:40*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/06/25 13:37*	*11/08/25 09:40*	*1*

Lab Sample ID: LCS 880-123191/1-A
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123191

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.105		mg/Kg		105	70 - 130		
Toluene			0.100	0.0912		mg/Kg		91	70 - 130		
Ethylbenzene			0.100	0.101		mg/Kg		101	70 - 130		
m-Xylene & p-Xylene			0.200	0.192		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.0974		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-123191/2-A
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123191

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.111		mg/Kg		111	70 - 130	6	35
Toluene			0.100	0.0967		mg/Kg		97	70 - 130	6	35
Ethylbenzene			0.100	0.103		mg/Kg		103	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.216		mg/Kg		108	70 - 130	12	35

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

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

Lab Sample ID: LCSD 880-123191/2-A
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123191

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene			0.100	0.113		mg/Kg		113	70 - 130	15	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 885-36939-61 MS
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: BS25-153 2'
Prep Type: Total/NA
Prep Batch: 123191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND	F1 F2	0.100	0.0369	F1	mg/Kg		37	70 - 130
Toluene	ND	F1 F2	0.100	0.0365	F1	mg/Kg		36	70 - 130
Ethylbenzene	ND	F1	0.100	0.0522	F1	mg/Kg		52	70 - 130
m-Xylene & p-Xylene	ND	F1 F2	0.200	0.106	F1	mg/Kg		53	70 - 130
o-Xylene	ND	F1	0.100	0.0583	F1	mg/Kg		58	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 885-36939-61 MSD
Matrix: Solid
Analysis Batch: 123252

Client Sample ID: BS25-153 2'
Prep Type: Total/NA
Prep Batch: 123191

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND	F1 F2	0.100	0.0633	F1 F2	mg/Kg		63	70 - 130	53	35
Toluene	ND	F1 F2	0.100	0.0565	F1 F2	mg/Kg		56	70 - 130	43	35
Ethylbenzene	ND	F1	0.100	0.0744		mg/Kg		74	70 - 130	35	35
m-Xylene & p-Xylene	ND	F1 F2	0.200	0.153	F2	mg/Kg		76	70 - 130	36	35
o-Xylene	ND	F1	0.100	0.0811		mg/Kg		81	70 - 130	33	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 880-123193/5-A
Matrix: Solid
Analysis Batch: 123250

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123193

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 22:33	1
Toluene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 22:33	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 13:48	11/07/25 22:33	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 13:48	11/07/25 22:33	1

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

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

Lab Sample ID: MB 880-123193/5-A
Matrix: Solid
Analysis Batch: 123250

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123193

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	11/06/25 13:48	11/07/25 22:33	1
1,4-Difluorobenzene (Surr)	87		70 - 130	11/06/25 13:48	11/07/25 22:33	1

Lab Sample ID: LCS 880-123193/1-A
Matrix: Solid
Analysis Batch: 123250

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123193

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.111		mg/Kg		111	70 - 130		
Toluene			0.100	0.120		mg/Kg		120	70 - 130		
Ethylbenzene			0.100	0.122		mg/Kg		122	70 - 130		
m-Xylene & p-Xylene			0.200	0.244		mg/Kg		122	70 - 130		
o-Xylene			0.100	0.128		mg/Kg		128	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-123193/2-A
Matrix: Solid
Analysis Batch: 123250

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123193

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.105		mg/Kg		105	70 - 130	6	35
Toluene			0.100	0.112		mg/Kg		112	70 - 130	7	35
Ethylbenzene			0.100	0.113		mg/Kg		113	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.226		mg/Kg		113	70 - 130	8	35
o-Xylene			0.100	0.118		mg/Kg		118	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: 885-36939-81 MS
Matrix: Solid
Analysis Batch: 123250

Client Sample ID: BS25-92 8'
Prep Type: Total/NA
Prep Batch: 123193

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.100	0.0906		mg/Kg		91	70 - 130		
Toluene	ND		0.100	0.0728		mg/Kg		73	70 - 130		
Ethylbenzene	ND		0.100	0.0860		mg/Kg		86	70 - 130		
m-Xylene & p-Xylene	ND		0.200	0.157		mg/Kg		78	70 - 130		
o-Xylene	ND		0.100	0.0833		mg/Kg		83	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	76		70 - 130

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

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

Lab Sample ID: 885-36939-81 MSD
Matrix: Solid
Analysis Batch: 123250

Client Sample ID: BS25-92 8'
Prep Type: Total/NA
Prep Batch: 123193

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.100	0.0864		mg/Kg		86	70 - 130	5	35
Toluene	ND		0.100	0.0909		mg/Kg		91	70 - 130	22	35
Ethylbenzene	ND		0.100	0.0972		mg/Kg		97	70 - 130	12	35
m-Xylene & p-Xylene	ND		0.200	0.195		mg/Kg		97	70 - 130	21	35
o-Xylene	ND		0.100	0.103		mg/Kg		103	70 - 130	21	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*14*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-123210/5-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123210

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
Toluene	ND		0.0020		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
Ethylbenzene	ND		0.0020		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
Xylenes, Total	ND		0.0040		mg/Kg		11/06/25 16:13	11/08/25 20:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*11/06/25 16:13*	*11/08/25 20:42*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/06/25 16:13*	*11/08/25 20:42*	*1*

Lab Sample ID: LCS 880-123210/1-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123210

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.113		mg/Kg		113	70 - 130		
Toluene			0.100	0.102		mg/Kg		102	70 - 130		
Ethylbenzene			0.100	0.103		mg/Kg		103	70 - 130		
m-Xylene & p-Xylene			0.200	0.206		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.100		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-123210/2-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123210

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.110		mg/Kg		110	70 - 130	2	35
Toluene			0.100	0.102		mg/Kg		102	70 - 130	0	35
Ethylbenzene			0.100	0.104		mg/Kg		104	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.212		mg/Kg		106	70 - 130	3	35

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

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

Lab Sample ID: LCSD 880-123210/2-A
Matrix: Solid
Analysis Batch: 123251

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123210

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene			0.100	0.103		mg/Kg		103	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-123095/1-A
Matrix: Solid
Analysis Batch: 123153

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123095

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:23	11/06/25 18:44	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:23	11/06/25 18:44	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:23	11/06/25 18:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*11/06/25 09:23*	*11/06/25 18:44*	*1*
o-Terphenyl	*119*		*70 - 130*	*11/06/25 09:23*	*11/06/25 18:44*	*1*

Lab Sample ID: LCS 880-123095/2-A
Matrix: Solid
Analysis Batch: 123153

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123095

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1180		mg/Kg		118	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1160		mg/Kg		116	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Lab Sample ID: LCSD 880-123095/3-A
Matrix: Solid
Analysis Batch: 123153

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123095

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1180		mg/Kg		118	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1130		mg/Kg		113	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-123095/3-A
Matrix: Solid
Analysis Batch: 123153

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123095

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*106*		*70 - 130*

Lab Sample ID: MB 880-123107/1-A
Matrix: Solid
Analysis Batch: 123176

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123107

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 09:59	11/06/25 20:29	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 20:29	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 09:59	11/06/25 20:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*11/06/25 09:59*	*11/06/25 20:29*	*1*
o-Terphenyl	*110*		*70 - 130*	*11/06/25 09:59*	*11/06/25 20:29*	*1*

Lab Sample ID: LCS 880-123107/2-A
Matrix: Solid
Analysis Batch: 123176

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123107

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	993		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	887		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*88*		*70 - 130*
o-Terphenyl	*119*		*70 - 130*

Lab Sample ID: LCSD 880-123107/3-A
Matrix: Solid
Analysis Batch: 123176

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123107

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1000		mg/Kg		100	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	835		mg/Kg		83	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*89*		*70 - 130*
o-Terphenyl	*116*		*70 - 130*

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-36939-10 MS
Matrix: Solid
Analysis Batch: 123176

Client Sample ID: BS25-265 2'
Prep Type: Total/NA
Prep Batch: 123107

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		998	875		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	ND		998	880		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*90*		*70 - 130*
o-Terphenyl	*116*		*70 - 130*

Lab Sample ID: 885-36939-10 MSD
Matrix: Solid
Analysis Batch: 123176

Client Sample ID: BS25-265 2'
Prep Type: Total/NA
Prep Batch: 123107

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		998	874		mg/Kg		88	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	ND		998	878		mg/Kg		88	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*90*		*70 - 130*
o-Terphenyl	*114*		*70 - 130*

Lab Sample ID: MB 880-123108/1-A
Matrix: Solid
Analysis Batch: 123256

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123108

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 22:55	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 22:55	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 22:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*11/06/25 10:01*	*11/07/25 22:55*	*1*
o-Terphenyl	*93*		*70 - 130*	*11/06/25 10:01*	*11/07/25 22:55*	*1*

Lab Sample ID: LCS 880-123108/2-A
Matrix: Solid
Analysis Batch: 123256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123108

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1210		mg/Kg		121	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1080		mg/Kg		108	70 - 130

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-123108/2-A
Matrix: Solid
Analysis Batch: 123256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123108

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: LCSD 880-123108/3-A
Matrix: Solid
Analysis Batch: 123256

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123108

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1240		mg/Kg		124	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1110		mg/Kg		111	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 885-36939-30 MS
Matrix: Solid
Analysis Batch: 123256

Client Sample ID: BS25-198 2'
Prep Type: Total/NA
Prep Batch: 123108

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		998	982		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	ND		998	932		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 885-36939-30 MSD
Matrix: Solid
Analysis Batch: 123256

Client Sample ID: BS25-198 2'
Prep Type: Total/NA
Prep Batch: 123108

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		998	954		mg/Kg		94	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	ND		998	853		mg/Kg		85	70 - 130	9	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	92		70 - 130

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-123109/1-A
Matrix: Solid
Analysis Batch: 123256

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123109

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:01	11/07/25 15:33	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 15:33	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:01	11/07/25 15:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*11/06/25 10:01*	*11/07/25 15:33*	*1*
o-Terphenyl	*88*		*70 - 130*	*11/06/25 10:01*	*11/07/25 15:33*	*1*

Lab Sample ID: LCS 880-123109/2-A
Matrix: Solid
Analysis Batch: 123256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123109

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1060		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	955		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*67*	*S1-*	*70 - 130*
o-Terphenyl	*76*		*70 - 130*

Lab Sample ID: LCSD 880-123109/3-A
Matrix: Solid
Analysis Batch: 123256

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123109

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1210		mg/Kg		121	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	1080		mg/Kg		108	70 - 130	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*98*		*70 - 130*

Lab Sample ID: 885-36939-50 MS
Matrix: Solid
Analysis Batch: 123256

Client Sample ID: BS25-167 2'
Prep Type: Total/NA
Prep Batch: 123109

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		999	999		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)	ND		999	959		mg/Kg		96	70 - 130		

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-36939-50 MS
Matrix: Solid
Analysis Batch: 123256

Client Sample ID: BS25-167 2'
Prep Type: Total/NA
Prep Batch: 123109

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: 885-36939-50 MSD
Matrix: Solid
Analysis Batch: 123256

Client Sample ID: BS25-167 2'
Prep Type: Total/NA
Prep Batch: 123109

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		999	963		mg/Kg		95	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	ND		999	952		mg/Kg		95	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*
o-Terphenyl	*96*		*70 - 130*

Lab Sample ID: MB 880-123110/1-A
Matrix: Solid
Analysis Batch: 123148

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123110

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/06/25 18:44	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 18:44	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/06/25 18:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*11/06/25 10:02*	*11/06/25 18:44*	*1*
o-Terphenyl	*110*		*70 - 130*	*11/06/25 10:02*	*11/06/25 18:44*	*1*

Lab Sample ID: LCS 880-123110/2-A
Matrix: Solid
Analysis Batch: 123148

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123110

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1040		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1030		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*88*		*70 - 130*
o-Terphenyl	*99*		*70 - 130*

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-123110/3-A
Matrix: Solid
Analysis Batch: 123148

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123110

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1080		mg/Kg		108	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1070		mg/Kg		107	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: 885-36939-70 MS
Matrix: Solid
Analysis Batch: 123148

Client Sample ID: BS25-125 3.5'
Prep Type: Total/NA
Prep Batch: 123110

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND	F1	995	622	F1	mg/Kg		63	70 - 130		
Diesel Range Organics (Over C10-C28)	ND		995	715		mg/Kg		70	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*83*		*70 - 130*
o-Terphenyl	*97*		*70 - 130*

Lab Sample ID: 885-36939-70 MSD
Matrix: Solid
Analysis Batch: 123148

Client Sample ID: BS25-125 3.5'
Prep Type: Total/NA
Prep Batch: 123110

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND	F1	995	677	F1	mg/Kg		68	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	ND		995	756		mg/Kg		74	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*98*		*70 - 130*

Lab Sample ID: MB 880-123111/1-A
Matrix: Solid
Analysis Batch: 123258

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123111

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50		mg/Kg		11/06/25 10:02	11/07/25 15:33	1
Diesel Range Organics (Over C10-C28)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 15:33	1
Oil Range Organics (Over C28-C36)	ND		50		mg/Kg		11/06/25 10:02	11/07/25 15:33	1

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-123111/1-A
Matrix: Solid
Analysis Batch: 123258

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123111

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	11/06/25 10:02	11/07/25 15:33	1
o-Terphenyl	124		70 - 130	11/06/25 10:02	11/07/25 15:33	1

Lab Sample ID: LCS 880-123111/2-A
Matrix: Solid
Analysis Batch: 123258

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123111

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1140		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	906		mg/Kg		91	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: LCSD 880-123111/3-A
Matrix: Solid
Analysis Batch: 123258

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123111

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1040		mg/Kg		104	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	855		mg/Kg		85	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 885-36939-90 MS
Matrix: Solid
Analysis Batch: 123258

Client Sample ID: WS25-33 7-8'
Prep Type: Total/NA
Prep Batch: 123111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		999	822		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)	ND		999	787		mg/Kg		79	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	113		70 - 130

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-36939-90 MSD
Matrix: Solid
Analysis Batch: 123258

Client Sample ID: WS25-33 7-8'
Prep Type: Total/NA
Prep Batch: 123111

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		999	940		mg/Kg		94	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	ND		999	910		mg/Kg		91	70 - 130	15	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*131*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-123235/1-A
Matrix: Solid
Analysis Batch: 123296

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			11/07/25 12:46	1

Lab Sample ID: LCS 880-123235/2-A
Matrix: Solid
Analysis Batch: 123296

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	234		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-123235/3-A
Matrix: Solid
Analysis Batch: 123296

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	236		mg/Kg		94	90 - 110	1	20

Lab Sample ID: MB 880-123236/1-A
Matrix: Solid
Analysis Batch: 123307

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			11/07/25 13:44	1

Lab Sample ID: LCS 880-123236/2-A
Matrix: Solid
Analysis Batch: 123307

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	227		mg/Kg		91	90 - 110

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-123236/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123307

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	230		mg/Kg		92	90 - 110	1	20

Lab Sample ID: 885-36939-4 MS — **Client Sample ID: BS25-429 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123307

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14		248	240		mg/Kg		91	90 - 110

Lab Sample ID: 885-36939-4 MSD — **Client Sample ID: BS25-429 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123307

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14		248	237		mg/Kg		90	90 - 110	1	20

Lab Sample ID: 885-36939-14 MS — **Client Sample ID: BS25-255 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123307

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	18		248	257		mg/Kg		97	90 - 110

Lab Sample ID: 885-36939-14 MSD — **Client Sample ID: BS25-255 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123307

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	18		248	254		mg/Kg		95	90 - 110	1	20

Lab Sample ID: MB 880-123237/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123311

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			11/07/25 17:08	1

Lab Sample ID: LCS 880-123237/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123311

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	231		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-123237/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123311

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	235		mg/Kg		94	90 - 110	1	20

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-36939-25 MS
Matrix: Solid
Analysis Batch: 123311

Client Sample ID: BS25-207 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	34		251	268		mg/Kg		93	90 - 110

Lab Sample ID: 885-36939-25 MSD
Matrix: Solid
Analysis Batch: 123311

Client Sample ID: BS25-207 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	34		251	266		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 885-36939-35 MS
Matrix: Solid
Analysis Batch: 123311

Client Sample ID: BS25-203 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11		250	252		mg/Kg		96	90 - 110

Lab Sample ID: 885-36939-35 MSD
Matrix: Solid
Analysis Batch: 123311

Client Sample ID: BS25-203 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11		250	252		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-123247/1-A
Matrix: Solid
Analysis Batch: 123319

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			11/07/25 15:49	1

Lab Sample ID: LCS 880-123247/2-A
Matrix: Solid
Analysis Batch: 123319

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-123247/3-A
Matrix: Solid
Analysis Batch: 123319

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	239		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 885-36939-65 MS
Matrix: Solid
Analysis Batch: 123319

Client Sample ID: BS25-150 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11		251	248		mg/Kg		94	90 - 110

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-36939-65 MSD
Matrix: Solid
Analysis Batch: 123319

Client Sample ID: BS25-150 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11		251	249		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 885-36939-76 MS
Matrix: Solid
Analysis Batch: 123319

Client Sample ID: BS25-66 8'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	17		250	252		mg/Kg		94	90 - 110

Lab Sample ID: 885-36939-76 MSD
Matrix: Solid
Analysis Batch: 123319

Client Sample ID: BS25-66 8'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17		250	253		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-123242/1-A
Matrix: Solid
Analysis Batch: 123320

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			11/07/25 18:53	1

Lab Sample ID: LCS 880-123242/2-A
Matrix: Solid
Analysis Batch: 123320

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-123242/3-A
Matrix: Solid
Analysis Batch: 123320

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 885-36939-45 MS
Matrix: Solid
Analysis Batch: 123320

Client Sample ID: BS25-172 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	28		248	259		mg/Kg		93	90 - 110

Lab Sample ID: 885-36939-45 MSD
Matrix: Solid
Analysis Batch: 123320

Client Sample ID: BS25-172 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	28		248	260		mg/Kg		94	90 - 110	0	20

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-36939-55 MS
Matrix: Solid
Analysis Batch: 123320

Client Sample ID: BS25-163 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15		249	254		mg/Kg		96	90 - 110

Lab Sample ID: 885-36939-55 MSD
Matrix: Solid
Analysis Batch: 123320

Client Sample ID: BS25-163 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15		249	254		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-123248/1-A
Matrix: Solid
Analysis Batch: 123349

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			11/08/25 23:52	1

Lab Sample ID: LCS 880-123248/2-A
Matrix: Solid
Analysis Batch: 123349

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	229		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-123248/3-A
Matrix: Solid
Analysis Batch: 123349

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	235		mg/Kg		94	90 - 110	3	20

Lab Sample ID: 885-36939-86 MS
Matrix: Solid
Analysis Batch: 123349

Client Sample ID: BS25-79 4.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	26		248	264		mg/Kg		96	90 - 110

Lab Sample ID: 885-36939-86 MSD
Matrix: Solid
Analysis Batch: 123349

Client Sample ID: BS25-79 4.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	26		248	267		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 885-36939-97 MS
Matrix: Solid
Analysis Batch: 123349

Client Sample ID: BS25-93 7'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	630	F1	251	824	F1	mg/Kg		78	90 - 110

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-36939-97 MSD
Matrix: Solid
Analysis Batch: 123349

Client Sample ID: BS25-93 7'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	630	F1	251	832	F1	mg/Kg		82	90 - 110	1	20

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

GC VOA

Prep Batch: 123142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-123142/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 123143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-123143/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 123144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-123144/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 123182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-1	BS25-443 2'	Total/NA	Solid	5030B	
885-36939-2	BS25-427 2'	Total/NA	Solid	5030B	
885-36939-3	BS25-289 2'	Total/NA	Solid	5030B	
885-36939-4	BS25-429 2'	Total/NA	Solid	5030B	
885-36939-5	BS25-279 2'	Total/NA	Solid	5030B	
885-36939-6	BS25-269 2'	Total/NA	Solid	5030B	
885-36939-7	BS25-268 2'	Total/NA	Solid	5030B	
885-36939-8	BS25-267 2'	Total/NA	Solid	5030B	
885-36939-9	BS25-266 2'	Total/NA	Solid	5030B	
885-36939-10	BS25-265 2'	Total/NA	Solid	5030B	
885-36939-11	BS25-259 2'	Total/NA	Solid	5030B	
885-36939-12	BS25-258 2'	Total/NA	Solid	5030B	
885-36939-13	BS25-257 2'	Total/NA	Solid	5030B	
885-36939-14	BS25-255 2'	Total/NA	Solid	5030B	
885-36939-15	BS25-249 2'	Total/NA	Solid	5030B	
885-36939-16	BS25-248 2'	Total/NA	Solid	5030B	
885-36939-18	BS25-436 2'	Total/NA	Solid	5030B	
885-36939-19	BS25-239 2'	Total/NA	Solid	5030B	
885-36939-20	BS25-238 2'	Total/NA	Solid	5030B	
MB 880-123182/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-123182/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-123182/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
885-36939-1 MS	BS25-443 2'	Total/NA	Solid	5030B	
885-36939-1 MSD	BS25-443 2'	Total/NA	Solid	5030B	

Prep Batch: 123183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-21	BS25-237 2'	Total/NA	Solid	5030B	
885-36939-22	BS25-236 2'	Total/NA	Solid	5030B	
885-36939-23	BS25-205 2'	Total/NA	Solid	5030B	
885-36939-24	BS25-206 2'	Total/NA	Solid	5030B	
885-36939-25	BS25-207 2'	Total/NA	Solid	5030B	
885-36939-26	BS25-208 2'	Total/NA	Solid	5030B	
885-36939-27	BS25-228 2'	Total/NA	Solid	5030B	
885-36939-28	BS25-227 2'	Total/NA	Solid	5030B	
885-36939-29	BS25-223 2'	Total/NA	Solid	5030B	
885-36939-30	BS25-198 2'	Total/NA	Solid	5030B	
885-36939-31	BS25-199 2'	Total/NA	Solid	5030B	
885-36939-32	BS25-200 2'	Total/NA	Solid	5030B	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

GC VOA (Continued)

Prep Batch: 123183 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-33	BS25-201 2'	Total/NA	Solid	5030B	
885-36939-34	BS25-202 2'	Total/NA	Solid	5030B	
885-36939-35	BS25-203 2'	Total/NA	Solid	5030B	
885-36939-36	BS25-187 2'	Total/NA	Solid	5030B	
885-36939-37	BS25-188 2'	Total/NA	Solid	5030B	
885-36939-38	BS25-189 2'	Total/NA	Solid	5030B	
885-36939-39	BS25-190 2'	Total/NA	Solid	5030B	
885-36939-40	BS25-179 2'	Total/NA	Solid	5030B	
MB 880-123183/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-123183/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-123183/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
885-36939-21 MS	BS25-237 2'	Total/NA	Solid	5030B	
885-36939-21 MSD	BS25-237 2'	Total/NA	Solid	5030B	

Prep Batch: 123189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-41	BS25-180 2'	Total/NA	Solid	5030B	
885-36939-42	BS25-181 2'	Total/NA	Solid	5030B	
885-36939-43	BS25-182 2'	Total/NA	Solid	5030B	
885-36939-44	BS25-184 2'	Total/NA	Solid	5030B	
885-36939-45	BS25-172 2'	Total/NA	Solid	5030B	
885-36939-46	BS25-173 2'	Total/NA	Solid	5030B	
885-36939-47	BS25-174 2'	Total/NA	Solid	5030B	
885-36939-48	BS25-175 2'	Total/NA	Solid	5030B	
885-36939-49	BS25-166 2'	Total/NA	Solid	5030B	
885-36939-50	BS25-167 2'	Total/NA	Solid	5030B	
885-36939-51	BS25-168 2'	Total/NA	Solid	5030B	
885-36939-52	BS25-169 2'	Total/NA	Solid	5030B	
885-36939-53	BS25-170 2'	Total/NA	Solid	5030B	
885-36939-54	BS25-162 2'	Total/NA	Solid	5030B	
885-36939-55	BS25-163 2'	Total/NA	Solid	5030B	
885-36939-56	BS25-164 2'	Total/NA	Solid	5030B	
885-36939-57	BS25-165 2'	Total/NA	Solid	5030B	
885-36939-58	BS25-157 2'	Total/NA	Solid	5030B	
885-36939-59	BS25-158 2'	Total/NA	Solid	5030B	
885-36939-60	BS25-159 2'	Total/NA	Solid	5030B	
MB 880-123189/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-123189/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-123189/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
885-36939-41 MS	BS25-180 2'	Total/NA	Solid	5030B	
885-36939-41 MSD	BS25-180 2'	Total/NA	Solid	5030B	

Prep Batch: 123191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-61	BS25-153 2'	Total/NA	Solid	5030B	
885-36939-62	BS25-154 2'	Total/NA	Solid	5030B	
885-36939-63	BS25-148 2'	Total/NA	Solid	5030B	
885-36939-64	BS25-149 2'	Total/NA	Solid	5030B	
885-36939-65	BS25-150 2'	Total/NA	Solid	5030B	
885-36939-66	BS25-144 2'	Total/NA	Solid	5030B	
885-36939-67	BS25-122 3.5'	Total/NA	Solid	5030B	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

GC VOA (Continued)

Prep Batch: 123191 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-68	BS25-127 3'	Total/NA	Solid	5030B	
885-36939-69	BS25-116 3.5'	Total/NA	Solid	5030B	
885-36939-70	BS25-125 3.5'	Total/NA	Solid	5030B	
885-36939-72	BS25-60 8'	Total/NA	Solid	5030B	
885-36939-73	BS25-64 8'	Total/NA	Solid	5030B	
885-36939-74	BS25-65 8'	Total/NA	Solid	5030B	
885-36939-75	BS25-76 8'	Total/NA	Solid	5030B	
885-36939-76	BS25-66 8'	Total/NA	Solid	5030B	
885-36939-77	BS25-89 8'	Total/NA	Solid	5030B	
885-36939-78	BS25-90 8'	Total/NA	Solid	5030B	
885-36939-79	BS25-91 8'	Total/NA	Solid	5030B	
885-36939-80	BS25-88 8'	Total/NA	Solid	5030B	
MB 880-123191/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-123191/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-123191/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
885-36939-61 MS	BS25-153 2'	Total/NA	Solid	5030B	
885-36939-61 MSD	BS25-153 2'	Total/NA	Solid	5030B	

Prep Batch: 123193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-81	BS25-92 8'	Total/NA	Solid	5030B	
885-36939-82	BS25-40 5'	Total/NA	Solid	5030B	
885-36939-83	WS25-31 1-5'	Total/NA	Solid	5030B	
885-36939-84	WS25-31 5-8'	Total/NA	Solid	5030B	
885-36939-85	BS25-120 4'	Total/NA	Solid	5030B	
885-36939-86	BS25-79 4.5'	Total/NA	Solid	5030B	
885-36939-87	WS25-32 2-5'	Total/NA	Solid	5030B	
885-36939-88	WS25-32 5-8'	Total/NA	Solid	5030B	
885-36939-89	BS25-78 3.5'	Total/NA	Solid	5030B	
885-36939-90	WS25-33 7-8'	Total/NA	Solid	5030B	
885-36939-91	WS25-34 3-5'	Total/NA	Solid	5030B	
885-36939-92	BS25-299 2'	Total/NA	Solid	5030B	
885-36939-93	BS25-278 2'	Total/NA	Solid	5030B	
885-36939-94	BS25-424 2'	Total/NA	Solid	5030B	
885-36939-96	BS25-423 2'	Total/NA	Solid	5030B	
885-36939-97	BS25-93 7'	Total/NA	Solid	5030B	
885-36939-98	BS25-94 7'	Total/NA	Solid	5030B	
885-36939-99	BS25-62 5'	Total/NA	Solid	5030B	
885-36939-100	BS25-105 4'	Total/NA	Solid	5030B	
885-36939-101	BS25-95 7'	Total/NA	Solid	5030B	
MB 880-123193/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-123193/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-123193/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
885-36939-81 MS	BS25-92 8'	Total/NA	Solid	5030B	
885-36939-81 MSD	BS25-92 8'	Total/NA	Solid	5030B	

Prep Batch: 123210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-102	BS25-59 8'	Total/NA	Solid	5030B	
885-36939-103	BS25-247 2'	Total/NA	Solid	5030B	
885-36939-104	BS25-276 2'	Total/NA	Solid	5030B	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

GC VOA (Continued)

Prep Batch: 123210 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-123210/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-123210/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-123210/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	

Analysis Batch: 123250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-81	BS25-92 8'	Total/NA	Solid	8021B	123193
885-36939-82	BS25-40 5'	Total/NA	Solid	8021B	123193
885-36939-83	WS25-31 1-5'	Total/NA	Solid	8021B	123193
885-36939-84	WS25-31 5-8'	Total/NA	Solid	8021B	123193
885-36939-85	BS25-120 4'	Total/NA	Solid	8021B	123193
885-36939-86	BS25-79 4.5'	Total/NA	Solid	8021B	123193
885-36939-87	WS25-32 2-5'	Total/NA	Solid	8021B	123193
885-36939-88	WS25-32 5-8'	Total/NA	Solid	8021B	123193
885-36939-89	BS25-78 3.5'	Total/NA	Solid	8021B	123193
885-36939-90	WS25-33 7-8'	Total/NA	Solid	8021B	123193
885-36939-91	WS25-34 3-5'	Total/NA	Solid	8021B	123193
885-36939-92	BS25-299 2'	Total/NA	Solid	8021B	123193
885-36939-93	BS25-278 2'	Total/NA	Solid	8021B	123193
885-36939-94	BS25-424 2'	Total/NA	Solid	8021B	123193
885-36939-96	BS25-423 2'	Total/NA	Solid	8021B	123193
885-36939-97	BS25-93 7'	Total/NA	Solid	8021B	123193
885-36939-98	BS25-94 7'	Total/NA	Solid	8021B	123193
885-36939-99	BS25-62 5'	Total/NA	Solid	8021B	123193
885-36939-100	BS25-105 4'	Total/NA	Solid	8021B	123193
885-36939-101	BS25-95 7'	Total/NA	Solid	8021B	123193
MB 880-123143/5-A	Method Blank	Total/NA	Solid	8021B	123143
MB 880-123193/5-A	Method Blank	Total/NA	Solid	8021B	123193
LCS 880-123193/1-A	Lab Control Sample	Total/NA	Solid	8021B	123193
LCSD 880-123193/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	123193
885-36939-81 MS	BS25-92 8'	Total/NA	Solid	8021B	123193
885-36939-81 MSD	BS25-92 8'	Total/NA	Solid	8021B	123193

Analysis Batch: 123251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-1	BS25-443 2'	Total/NA	Solid	8021B	123182
885-36939-2	BS25-427 2'	Total/NA	Solid	8021B	123182
885-36939-3	BS25-289 2'	Total/NA	Solid	8021B	123182
885-36939-4	BS25-429 2'	Total/NA	Solid	8021B	123182
885-36939-5	BS25-279 2'	Total/NA	Solid	8021B	123182
885-36939-6	BS25-269 2'	Total/NA	Solid	8021B	123182
885-36939-7	BS25-268 2'	Total/NA	Solid	8021B	123182
885-36939-8	BS25-267 2'	Total/NA	Solid	8021B	123182
885-36939-9	BS25-266 2'	Total/NA	Solid	8021B	123182
885-36939-10	BS25-265 2'	Total/NA	Solid	8021B	123182
885-36939-11	BS25-259 2'	Total/NA	Solid	8021B	123182
885-36939-12	BS25-258 2'	Total/NA	Solid	8021B	123182
885-36939-13	BS25-257 2'	Total/NA	Solid	8021B	123182
885-36939-14	BS25-255 2'	Total/NA	Solid	8021B	123182
885-36939-15	BS25-249 2'	Total/NA	Solid	8021B	123182
885-36939-16	BS25-248 2'	Total/NA	Solid	8021B	123182

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

GC VOA (Continued)

Analysis Batch: 123251 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-18	BS25-436 2'	Total/NA	Solid	8021B	123182
885-36939-19	BS25-239 2'	Total/NA	Solid	8021B	123182
885-36939-20	BS25-238 2'	Total/NA	Solid	8021B	123182
885-36939-21	BS25-237 2'	Total/NA	Solid	8021B	123183
885-36939-22	BS25-236 2'	Total/NA	Solid	8021B	123183
885-36939-23	BS25-205 2'	Total/NA	Solid	8021B	123183
885-36939-24	BS25-206 2'	Total/NA	Solid	8021B	123183
885-36939-25	BS25-207 2'	Total/NA	Solid	8021B	123183
885-36939-26	BS25-208 2'	Total/NA	Solid	8021B	123183
885-36939-27	BS25-228 2'	Total/NA	Solid	8021B	123183
885-36939-28	BS25-227 2'	Total/NA	Solid	8021B	123183
885-36939-29	BS25-223 2'	Total/NA	Solid	8021B	123183
885-36939-30	BS25-198 2'	Total/NA	Solid	8021B	123183
885-36939-31	BS25-199 2'	Total/NA	Solid	8021B	123183
885-36939-32	BS25-200 2'	Total/NA	Solid	8021B	123183
885-36939-33	BS25-201 2'	Total/NA	Solid	8021B	123183
885-36939-34	BS25-202 2'	Total/NA	Solid	8021B	123183
885-36939-35	BS25-203 2'	Total/NA	Solid	8021B	123183
885-36939-36	BS25-187 2'	Total/NA	Solid	8021B	123183
885-36939-37	BS25-188 2'	Total/NA	Solid	8021B	123183
885-36939-38	BS25-189 2'	Total/NA	Solid	8021B	123183
885-36939-39	BS25-190 2'	Total/NA	Solid	8021B	123183
885-36939-40	BS25-179 2'	Total/NA	Solid	8021B	123183
885-36939-102	BS25-59 8'	Total/NA	Solid	8021B	123210
885-36939-103	BS25-247 2'	Total/NA	Solid	8021B	123210
885-36939-104	BS25-276 2'	Total/NA	Solid	8021B	123210
MB 880-123144/5-A	Method Blank	Total/NA	Solid	8021B	123144
MB 880-123182/5-A	Method Blank	Total/NA	Solid	8021B	123182
MB 880-123183/5-A	Method Blank	Total/NA	Solid	8021B	123183
MB 880-123210/5-A	Method Blank	Total/NA	Solid	8021B	123210
LCS 880-123182/1-A	Lab Control Sample	Total/NA	Solid	8021B	123182
LCS 880-123183/1-A	Lab Control Sample	Total/NA	Solid	8021B	123183
LCS 880-123210/1-A	Lab Control Sample	Total/NA	Solid	8021B	123210
LCSD 880-123182/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	123182
LCSD 880-123183/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	123183
LCSD 880-123210/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	123210
885-36939-1 MS	BS25-443 2'	Total/NA	Solid	8021B	123182
885-36939-1 MSD	BS25-443 2'	Total/NA	Solid	8021B	123182
885-36939-21 MS	BS25-237 2'	Total/NA	Solid	8021B	123183
885-36939-21 MSD	BS25-237 2'	Total/NA	Solid	8021B	123183

Analysis Batch: 123252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-41	BS25-180 2'	Total/NA	Solid	8021B	123189
885-36939-42	BS25-181 2'	Total/NA	Solid	8021B	123189
885-36939-43	BS25-182 2'	Total/NA	Solid	8021B	123189
885-36939-44	BS25-184 2'	Total/NA	Solid	8021B	123189
885-36939-45	BS25-172 2'	Total/NA	Solid	8021B	123189
885-36939-46	BS25-173 2'	Total/NA	Solid	8021B	123189
885-36939-47	BS25-174 2'	Total/NA	Solid	8021B	123189
885-36939-48	BS25-175 2'	Total/NA	Solid	8021B	123189

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

GC VOA (Continued)

Analysis Batch: 123252 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-49	BS25-166 2'	Total/NA	Solid	8021B	123189
885-36939-50	BS25-167 2'	Total/NA	Solid	8021B	123189
885-36939-51	BS25-168 2'	Total/NA	Solid	8021B	123189
885-36939-52	BS25-169 2'	Total/NA	Solid	8021B	123189
885-36939-53	BS25-170 2'	Total/NA	Solid	8021B	123189
885-36939-54	BS25-162 2'	Total/NA	Solid	8021B	123189
885-36939-55	BS25-163 2'	Total/NA	Solid	8021B	123189
885-36939-56	BS25-164 2'	Total/NA	Solid	8021B	123189
885-36939-57	BS25-165 2'	Total/NA	Solid	8021B	123189
885-36939-58	BS25-157 2'	Total/NA	Solid	8021B	123189
885-36939-59	BS25-158 2'	Total/NA	Solid	8021B	123189
885-36939-60	BS25-159 2'	Total/NA	Solid	8021B	123189
885-36939-61	BS25-153 2'	Total/NA	Solid	8021B	123191
885-36939-62	BS25-154 2'	Total/NA	Solid	8021B	123191
885-36939-63	BS25-148 2'	Total/NA	Solid	8021B	123191
885-36939-64	BS25-149 2'	Total/NA	Solid	8021B	123191
885-36939-65	BS25-150 2'	Total/NA	Solid	8021B	123191
885-36939-66	BS25-144 2'	Total/NA	Solid	8021B	123191
885-36939-67	BS25-122 3.5'	Total/NA	Solid	8021B	123191
885-36939-68	BS25-127 3'	Total/NA	Solid	8021B	123191
885-36939-69	BS25-116 3.5'	Total/NA	Solid	8021B	123191
885-36939-70	BS25-125 3.5'	Total/NA	Solid	8021B	123191
885-36939-72	BS25-60 8'	Total/NA	Solid	8021B	123191
885-36939-73	BS25-64 8'	Total/NA	Solid	8021B	123191
885-36939-74	BS25-65 8'	Total/NA	Solid	8021B	123191
885-36939-75	BS25-76 8'	Total/NA	Solid	8021B	123191
885-36939-76	BS25-66 8'	Total/NA	Solid	8021B	123191
885-36939-77	BS25-89 8'	Total/NA	Solid	8021B	123191
885-36939-78	BS25-90 8'	Total/NA	Solid	8021B	123191
885-36939-79	BS25-91 8'	Total/NA	Solid	8021B	123191
885-36939-80	BS25-88 8'	Total/NA	Solid	8021B	123191
MB 880-123142/5-A	Method Blank	Total/NA	Solid	8021B	123142
MB 880-123189/5-A	Method Blank	Total/NA	Solid	8021B	123189
MB 880-123191/5-A	Method Blank	Total/NA	Solid	8021B	123191
LCS 880-123189/1-A	Lab Control Sample	Total/NA	Solid	8021B	123189
LCS 880-123191/1-A	Lab Control Sample	Total/NA	Solid	8021B	123191
LCSD 880-123189/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	123189
LCSD 880-123191/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	123191
885-36939-41 MS	BS25-180 2'	Total/NA	Solid	8021B	123189
885-36939-41 MSD	BS25-180 2'	Total/NA	Solid	8021B	123189
885-36939-61 MS	BS25-153 2'	Total/NA	Solid	8021B	123191
885-36939-61 MSD	BS25-153 2'	Total/NA	Solid	8021B	123191

GC Semi VOA

Prep Batch: 123095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-1	BS25-443 2'	Total/NA	Solid	8015NM Prep	
885-36939-2	BS25-427 2'	Total/NA	Solid	8015NM Prep	
885-36939-3	BS25-289 2'	Total/NA	Solid	8015NM Prep	
885-36939-4	BS25-429 2'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

GC Semi VOA (Continued)

Prep Batch: 123095 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-5	BS25-279 2'	Total/NA	Solid	8015NM Prep	
885-36939-6	BS25-269 2'	Total/NA	Solid	8015NM Prep	
885-36939-7	BS25-268 2'	Total/NA	Solid	8015NM Prep	
885-36939-8	BS25-267 2'	Total/NA	Solid	8015NM Prep	
885-36939-9	BS25-266 2'	Total/NA	Solid	8015NM Prep	
MB 880-123095/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123095/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123095/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 123107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-10	BS25-265 2'	Total/NA	Solid	8015NM Prep	
885-36939-11	BS25-259 2'	Total/NA	Solid	8015NM Prep	
885-36939-12	BS25-258 2'	Total/NA	Solid	8015NM Prep	
885-36939-13	BS25-257 2'	Total/NA	Solid	8015NM Prep	
885-36939-14	BS25-255 2'	Total/NA	Solid	8015NM Prep	
885-36939-15	BS25-249 2'	Total/NA	Solid	8015NM Prep	
885-36939-16	BS25-248 2'	Total/NA	Solid	8015NM Prep	
885-36939-18	BS25-436 2'	Total/NA	Solid	8015NM Prep	
885-36939-19	BS25-239 2'	Total/NA	Solid	8015NM Prep	
885-36939-20	BS25-238 2'	Total/NA	Solid	8015NM Prep	
885-36939-21	BS25-237 2'	Total/NA	Solid	8015NM Prep	
885-36939-22	BS25-236 2'	Total/NA	Solid	8015NM Prep	
885-36939-23	BS25-205 2'	Total/NA	Solid	8015NM Prep	
885-36939-24	BS25-206 2'	Total/NA	Solid	8015NM Prep	
885-36939-25	BS25-207 2'	Total/NA	Solid	8015NM Prep	
885-36939-26	BS25-208 2'	Total/NA	Solid	8015NM Prep	
885-36939-27	BS25-228 2'	Total/NA	Solid	8015NM Prep	
885-36939-28	BS25-227 2'	Total/NA	Solid	8015NM Prep	
885-36939-29	BS25-223 2'	Total/NA	Solid	8015NM Prep	
MB 880-123107/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123107/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123107/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-36939-10 MS	BS25-265 2'	Total/NA	Solid	8015NM Prep	
885-36939-10 MSD	BS25-265 2'	Total/NA	Solid	8015NM Prep	

Prep Batch: 123108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-30	BS25-198 2'	Total/NA	Solid	8015NM Prep	
885-36939-31	BS25-199 2'	Total/NA	Solid	8015NM Prep	
885-36939-32	BS25-200 2'	Total/NA	Solid	8015NM Prep	
885-36939-33	BS25-201 2'	Total/NA	Solid	8015NM Prep	
885-36939-34	BS25-202 2'	Total/NA	Solid	8015NM Prep	
885-36939-35	BS25-203 2'	Total/NA	Solid	8015NM Prep	
885-36939-36	BS25-187 2'	Total/NA	Solid	8015NM Prep	
885-36939-37	BS25-188 2'	Total/NA	Solid	8015NM Prep	
885-36939-38	BS25-189 2'	Total/NA	Solid	8015NM Prep	
885-36939-39	BS25-190 2'	Total/NA	Solid	8015NM Prep	
885-36939-40	BS25-179 2'	Total/NA	Solid	8015NM Prep	
885-36939-41	BS25-180 2'	Total/NA	Solid	8015NM Prep	
885-36939-42	BS25-181 2'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

GC Semi VOA (Continued)

Prep Batch: 123108 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-43	BS25-182 2'	Total/NA	Solid	8015NM Prep	
885-36939-44	BS25-184 2'	Total/NA	Solid	8015NM Prep	
885-36939-45	BS25-172 2'	Total/NA	Solid	8015NM Prep	
885-36939-46	BS25-173 2'	Total/NA	Solid	8015NM Prep	
885-36939-47	BS25-174 2'	Total/NA	Solid	8015NM Prep	
885-36939-48	BS25-175 2'	Total/NA	Solid	8015NM Prep	
885-36939-49	BS25-166 2'	Total/NA	Solid	8015NM Prep	
MB 880-123108/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123108/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123108/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-36939-30 MS	BS25-198 2'	Total/NA	Solid	8015NM Prep	
885-36939-30 MSD	BS25-198 2'	Total/NA	Solid	8015NM Prep	

Prep Batch: 123109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-50	BS25-167 2'	Total/NA	Solid	8015NM Prep	
885-36939-51	BS25-168 2'	Total/NA	Solid	8015NM Prep	
885-36939-52	BS25-169 2'	Total/NA	Solid	8015NM Prep	
885-36939-53	BS25-170 2'	Total/NA	Solid	8015NM Prep	
885-36939-54	BS25-162 2'	Total/NA	Solid	8015NM Prep	
885-36939-55	BS25-163 2'	Total/NA	Solid	8015NM Prep	
885-36939-56	BS25-164 2'	Total/NA	Solid	8015NM Prep	
885-36939-57	BS25-165 2'	Total/NA	Solid	8015NM Prep	
885-36939-58	BS25-157 2'	Total/NA	Solid	8015NM Prep	
885-36939-59	BS25-158 2'	Total/NA	Solid	8015NM Prep	
885-36939-60	BS25-159 2'	Total/NA	Solid	8015NM Prep	
885-36939-61	BS25-153 2'	Total/NA	Solid	8015NM Prep	
885-36939-62	BS25-154 2'	Total/NA	Solid	8015NM Prep	
885-36939-63	BS25-148 2'	Total/NA	Solid	8015NM Prep	
885-36939-64	BS25-149 2'	Total/NA	Solid	8015NM Prep	
885-36939-65	BS25-150 2'	Total/NA	Solid	8015NM Prep	
885-36939-66	BS25-144 2'	Total/NA	Solid	8015NM Prep	
885-36939-67	BS25-122 3.5'	Total/NA	Solid	8015NM Prep	
885-36939-68	BS25-127 3'	Total/NA	Solid	8015NM Prep	
885-36939-69	BS25-116 3.5'	Total/NA	Solid	8015NM Prep	
MB 880-123109/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123109/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123109/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-36939-50 MS	BS25-167 2'	Total/NA	Solid	8015NM Prep	
885-36939-50 MSD	BS25-167 2'	Total/NA	Solid	8015NM Prep	

Prep Batch: 123110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-70	BS25-125 3.5'	Total/NA	Solid	8015NM Prep	
885-36939-72	BS25-60 8'	Total/NA	Solid	8015NM Prep	
885-36939-73	BS25-64 8'	Total/NA	Solid	8015NM Prep	
885-36939-74	BS25-65 8'	Total/NA	Solid	8015NM Prep	
885-36939-75	BS25-76 8'	Total/NA	Solid	8015NM Prep	
885-36939-76	BS25-66 8'	Total/NA	Solid	8015NM Prep	
885-36939-77	BS25-89 8'	Total/NA	Solid	8015NM Prep	
885-36939-78	BS25-90 8'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

GC Semi VOA (Continued)

Prep Batch: 123110 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-79	BS25-91 8'	Total/NA	Solid	8015NM Prep	
885-36939-80	BS25-88 8'	Total/NA	Solid	8015NM Prep	
885-36939-81	BS25-92 8'	Total/NA	Solid	8015NM Prep	
885-36939-82	BS25-40 5'	Total/NA	Solid	8015NM Prep	
885-36939-83	WS25-31 1-5'	Total/NA	Solid	8015NM Prep	
885-36939-84	WS25-31 5-8'	Total/NA	Solid	8015NM Prep	
885-36939-85	BS25-120 4'	Total/NA	Solid	8015NM Prep	
885-36939-86	BS25-79 4.5'	Total/NA	Solid	8015NM Prep	
885-36939-87	WS25-32 2-5'	Total/NA	Solid	8015NM Prep	
885-36939-88	WS25-32 5-8'	Total/NA	Solid	8015NM Prep	
885-36939-89	BS25-78 3.5'	Total/NA	Solid	8015NM Prep	
MB 880-123110/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123110/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123110/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-36939-70 MS	BS25-125 3.5'	Total/NA	Solid	8015NM Prep	
885-36939-70 MSD	BS25-125 3.5'	Total/NA	Solid	8015NM Prep	

Prep Batch: 123111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-90	WS25-33 7-8'	Total/NA	Solid	8015NM Prep	
885-36939-91	WS25-34 3-5'	Total/NA	Solid	8015NM Prep	
885-36939-92	BS25-299 2'	Total/NA	Solid	8015NM Prep	
885-36939-93	BS25-278 2'	Total/NA	Solid	8015NM Prep	
885-36939-94	BS25-424 2'	Total/NA	Solid	8015NM Prep	
885-36939-96	BS25-423 2'	Total/NA	Solid	8015NM Prep	
885-36939-97	BS25-93 7'	Total/NA	Solid	8015NM Prep	
885-36939-98	BS25-94 7'	Total/NA	Solid	8015NM Prep	
885-36939-99	BS25-62 5'	Total/NA	Solid	8015NM Prep	
885-36939-100	BS25-105 4'	Total/NA	Solid	8015NM Prep	
885-36939-101	BS25-95 7'	Total/NA	Solid	8015NM Prep	
885-36939-102	BS25-59 8'	Total/NA	Solid	8015NM Prep	
885-36939-103	BS25-247 2'	Total/NA	Solid	8015NM Prep	
885-36939-104	BS25-276 2'	Total/NA	Solid	8015NM Prep	
MB 880-123111/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123111/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123111/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-36939-90 MS	WS25-33 7-8'	Total/NA	Solid	8015NM Prep	
885-36939-90 MSD	WS25-33 7-8'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 123148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-70	BS25-125 3.5'	Total/NA	Solid	8015B NM	123110
885-36939-72	BS25-60 8'	Total/NA	Solid	8015B NM	123110
885-36939-73	BS25-64 8'	Total/NA	Solid	8015B NM	123110
885-36939-74	BS25-65 8'	Total/NA	Solid	8015B NM	123110
885-36939-75	BS25-76 8'	Total/NA	Solid	8015B NM	123110
885-36939-76	BS25-66 8'	Total/NA	Solid	8015B NM	123110
885-36939-77	BS25-89 8'	Total/NA	Solid	8015B NM	123110
885-36939-78	BS25-90 8'	Total/NA	Solid	8015B NM	123110
885-36939-79	BS25-91 8'	Total/NA	Solid	8015B NM	123110
885-36939-80	BS25-88 8'	Total/NA	Solid	8015B NM	123110

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

GC Semi VOA (Continued)

Analysis Batch: 123148 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-81	BS25-92 8'	Total/NA	Solid	8015B NM	123110
885-36939-82	BS25-40 5'	Total/NA	Solid	8015B NM	123110
885-36939-83	WS25-31 1-5'	Total/NA	Solid	8015B NM	123110
885-36939-84	WS25-31 5-8'	Total/NA	Solid	8015B NM	123110
885-36939-85	BS25-120 4'	Total/NA	Solid	8015B NM	123110
885-36939-86	BS25-79 4.5'	Total/NA	Solid	8015B NM	123110
885-36939-87	WS25-32 2-5'	Total/NA	Solid	8015B NM	123110
885-36939-88	WS25-32 5-8'	Total/NA	Solid	8015B NM	123110
885-36939-89	BS25-78 3.5'	Total/NA	Solid	8015B NM	123110
MB 880-123110/1-A	Method Blank	Total/NA	Solid	8015B NM	123110
LCS 880-123110/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123110
LCSD 880-123110/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123110
885-36939-70 MS	BS25-125 3.5'	Total/NA	Solid	8015B NM	123110
885-36939-70 MSD	BS25-125 3.5'	Total/NA	Solid	8015B NM	123110

Analysis Batch: 123153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-1	BS25-443 2'	Total/NA	Solid	8015B NM	123095
885-36939-2	BS25-427 2'	Total/NA	Solid	8015B NM	123095
885-36939-3	BS25-289 2'	Total/NA	Solid	8015B NM	123095
885-36939-4	BS25-429 2'	Total/NA	Solid	8015B NM	123095
885-36939-5	BS25-279 2'	Total/NA	Solid	8015B NM	123095
885-36939-6	BS25-269 2'	Total/NA	Solid	8015B NM	123095
885-36939-7	BS25-268 2'	Total/NA	Solid	8015B NM	123095
885-36939-8	BS25-267 2'	Total/NA	Solid	8015B NM	123095
885-36939-9	BS25-266 2'	Total/NA	Solid	8015B NM	123095
MB 880-123095/1-A	Method Blank	Total/NA	Solid	8015B NM	123095
LCS 880-123095/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123095
LCSD 880-123095/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123095

Analysis Batch: 123176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-10	BS25-265 2'	Total/NA	Solid	8015B NM	123107
885-36939-11	BS25-259 2'	Total/NA	Solid	8015B NM	123107
885-36939-12	BS25-258 2'	Total/NA	Solid	8015B NM	123107
885-36939-13	BS25-257 2'	Total/NA	Solid	8015B NM	123107
885-36939-14	BS25-255 2'	Total/NA	Solid	8015B NM	123107
885-36939-15	BS25-249 2'	Total/NA	Solid	8015B NM	123107
885-36939-16	BS25-248 2'	Total/NA	Solid	8015B NM	123107
885-36939-18	BS25-436 2'	Total/NA	Solid	8015B NM	123107
885-36939-19	BS25-239 2'	Total/NA	Solid	8015B NM	123107
885-36939-20	BS25-238 2'	Total/NA	Solid	8015B NM	123107
885-36939-21	BS25-237 2'	Total/NA	Solid	8015B NM	123107
885-36939-22	BS25-236 2'	Total/NA	Solid	8015B NM	123107
885-36939-23	BS25-205 2'	Total/NA	Solid	8015B NM	123107
885-36939-24	BS25-206 2'	Total/NA	Solid	8015B NM	123107
885-36939-25	BS25-207 2'	Total/NA	Solid	8015B NM	123107
885-36939-26	BS25-208 2'	Total/NA	Solid	8015B NM	123107
885-36939-27	BS25-228 2'	Total/NA	Solid	8015B NM	123107
885-36939-28	BS25-227 2'	Total/NA	Solid	8015B NM	123107
885-36939-29	BS25-223 2'	Total/NA	Solid	8015B NM	123107

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

GC Semi VOA (Continued)

Analysis Batch: 123176 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-123107/1-A	Method Blank	Total/NA	Solid	8015B NM	123107
LCS 880-123107/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123107
LCSD 880-123107/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123107
885-36939-10 MS	BS25-265 2'	Total/NA	Solid	8015B NM	123107
885-36939-10 MSD	BS25-265 2'	Total/NA	Solid	8015B NM	123107

Analysis Batch: 123256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-30	BS25-198 2'	Total/NA	Solid	8015B NM	123108
885-36939-31	BS25-199 2'	Total/NA	Solid	8015B NM	123108
885-36939-32	BS25-200 2'	Total/NA	Solid	8015B NM	123108
885-36939-33	BS25-201 2'	Total/NA	Solid	8015B NM	123108
885-36939-34	BS25-202 2'	Total/NA	Solid	8015B NM	123108
885-36939-35	BS25-203 2'	Total/NA	Solid	8015B NM	123108
885-36939-36	BS25-187 2'	Total/NA	Solid	8015B NM	123108
885-36939-37	BS25-188 2'	Total/NA	Solid	8015B NM	123108
885-36939-38	BS25-189 2'	Total/NA	Solid	8015B NM	123108
885-36939-39	BS25-190 2'	Total/NA	Solid	8015B NM	123108
885-36939-40	BS25-179 2'	Total/NA	Solid	8015B NM	123108
885-36939-41	BS25-180 2'	Total/NA	Solid	8015B NM	123108
885-36939-42	BS25-181 2'	Total/NA	Solid	8015B NM	123108
885-36939-43	BS25-182 2'	Total/NA	Solid	8015B NM	123108
885-36939-44	BS25-184 2'	Total/NA	Solid	8015B NM	123108
885-36939-45	BS25-172 2'	Total/NA	Solid	8015B NM	123108
885-36939-46	BS25-173 2'	Total/NA	Solid	8015B NM	123108
885-36939-47	BS25-174 2'	Total/NA	Solid	8015B NM	123108
885-36939-48	BS25-175 2'	Total/NA	Solid	8015B NM	123108
885-36939-49	BS25-166 2'	Total/NA	Solid	8015B NM	123108
885-36939-50	BS25-167 2'	Total/NA	Solid	8015B NM	123109
885-36939-51	BS25-168 2'	Total/NA	Solid	8015B NM	123109
885-36939-52	BS25-169 2'	Total/NA	Solid	8015B NM	123109
885-36939-53	BS25-170 2'	Total/NA	Solid	8015B NM	123109
885-36939-54	BS25-162 2'	Total/NA	Solid	8015B NM	123109
885-36939-55	BS25-163 2'	Total/NA	Solid	8015B NM	123109
885-36939-56	BS25-164 2'	Total/NA	Solid	8015B NM	123109
885-36939-57	BS25-165 2'	Total/NA	Solid	8015B NM	123109
885-36939-58	BS25-157 2'	Total/NA	Solid	8015B NM	123109
885-36939-59	BS25-158 2'	Total/NA	Solid	8015B NM	123109
885-36939-60	BS25-159 2'	Total/NA	Solid	8015B NM	123109
885-36939-61	BS25-153 2'	Total/NA	Solid	8015B NM	123109
885-36939-62	BS25-154 2'	Total/NA	Solid	8015B NM	123109
885-36939-63	BS25-148 2'	Total/NA	Solid	8015B NM	123109
885-36939-64	BS25-149 2'	Total/NA	Solid	8015B NM	123109
885-36939-65	BS25-150 2'	Total/NA	Solid	8015B NM	123109
885-36939-66	BS25-144 2'	Total/NA	Solid	8015B NM	123109
885-36939-67	BS25-122 3.5'	Total/NA	Solid	8015B NM	123109
885-36939-68	BS25-127 3'	Total/NA	Solid	8015B NM	123109
885-36939-69	BS25-116 3.5'	Total/NA	Solid	8015B NM	123109
MB 880-123108/1-A	Method Blank	Total/NA	Solid	8015B NM	123108
MB 880-123109/1-A	Method Blank	Total/NA	Solid	8015B NM	123109
LCS 880-123108/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123108

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

GC Semi VOA (Continued)

Analysis Batch: 123256 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-123109/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123109
LCSD 880-123108/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123108
LCSD 880-123109/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123109
885-36939-30 MS	BS25-198 2'	Total/NA	Solid	8015B NM	123108
885-36939-30 MSD	BS25-198 2'	Total/NA	Solid	8015B NM	123108
885-36939-50 MS	BS25-167 2'	Total/NA	Solid	8015B NM	123109
885-36939-50 MSD	BS25-167 2'	Total/NA	Solid	8015B NM	123109

Analysis Batch: 123258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-90	WS25-33 7-8'	Total/NA	Solid	8015B NM	123111
885-36939-91	WS25-34 3-5'	Total/NA	Solid	8015B NM	123111
885-36939-92	BS25-299 2'	Total/NA	Solid	8015B NM	123111
885-36939-93	BS25-278 2'	Total/NA	Solid	8015B NM	123111
885-36939-94	BS25-424 2'	Total/NA	Solid	8015B NM	123111
885-36939-96	BS25-423 2'	Total/NA	Solid	8015B NM	123111
885-36939-97	BS25-93 7'	Total/NA	Solid	8015B NM	123111
885-36939-98	BS25-94 7'	Total/NA	Solid	8015B NM	123111
885-36939-99	BS25-62 5'	Total/NA	Solid	8015B NM	123111
885-36939-100	BS25-105 4'	Total/NA	Solid	8015B NM	123111
885-36939-101	BS25-95 7'	Total/NA	Solid	8015B NM	123111
885-36939-102	BS25-59 8'	Total/NA	Solid	8015B NM	123111
885-36939-103	BS25-247 2'	Total/NA	Solid	8015B NM	123111
885-36939-104	BS25-276 2'	Total/NA	Solid	8015B NM	123111
MB 880-123111/1-A	Method Blank	Total/NA	Solid	8015B NM	123111
LCS 880-123111/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123111
LCSD 880-123111/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123111
885-36939-90 MS	WS25-33 7-8'	Total/NA	Solid	8015B NM	123111
885-36939-90 MSD	WS25-33 7-8'	Total/NA	Solid	8015B NM	123111

HPLC/IC

Leach Batch: 123235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-1	BS25-443 2'	Soluble	Solid	DI Leach	
885-36939-2	BS25-427 2'	Soluble	Solid	DI Leach	
885-36939-3	BS25-289 2'	Soluble	Solid	DI Leach	
MB 880-123235/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-123235/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123235/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 123236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-4	BS25-429 2'	Soluble	Solid	DI Leach	
885-36939-5	BS25-279 2'	Soluble	Solid	DI Leach	
885-36939-6	BS25-269 2'	Soluble	Solid	DI Leach	
885-36939-7	BS25-268 2'	Soluble	Solid	DI Leach	
885-36939-8	BS25-267 2'	Soluble	Solid	DI Leach	
885-36939-9	BS25-266 2'	Soluble	Solid	DI Leach	
885-36939-10	BS25-265 2'	Soluble	Solid	DI Leach	
885-36939-11	BS25-259 2'	Soluble	Solid	DI Leach	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

HPLC/IC (Continued)

Leach Batch: 123236 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-12	BS25-258 2'	Soluble	Solid	DI Leach	
885-36939-13	BS25-257 2'	Soluble	Solid	DI Leach	
885-36939-14	BS25-255 2'	Soluble	Solid	DI Leach	
885-36939-15	BS25-249 2'	Soluble	Solid	DI Leach	
885-36939-16	BS25-248 2'	Soluble	Solid	DI Leach	
885-36939-18	BS25-436 2'	Soluble	Solid	DI Leach	
885-36939-19	BS25-239 2'	Soluble	Solid	DI Leach	
885-36939-20	BS25-238 2'	Soluble	Solid	DI Leach	
885-36939-21	BS25-237 2'	Soluble	Solid	DI Leach	
885-36939-22	BS25-236 2'	Soluble	Solid	DI Leach	
885-36939-23	BS25-205 2'	Soluble	Solid	DI Leach	
885-36939-24	BS25-206 2'	Soluble	Solid	DI Leach	
MB 880-123236/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-123236/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123236/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-36939-4 MS	BS25-429 2'	Soluble	Solid	DI Leach	
885-36939-4 MSD	BS25-429 2'	Soluble	Solid	DI Leach	
885-36939-14 MS	BS25-255 2'	Soluble	Solid	DI Leach	
885-36939-14 MSD	BS25-255 2'	Soluble	Solid	DI Leach	

Leach Batch: 123237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-25	BS25-207 2'	Soluble	Solid	DI Leach	
885-36939-26	BS25-208 2'	Soluble	Solid	DI Leach	
885-36939-27	BS25-228 2'	Soluble	Solid	DI Leach	
885-36939-28	BS25-227 2'	Soluble	Solid	DI Leach	
885-36939-29	BS25-223 2'	Soluble	Solid	DI Leach	
885-36939-30	BS25-198 2'	Soluble	Solid	DI Leach	
885-36939-31	BS25-199 2'	Soluble	Solid	DI Leach	
885-36939-32	BS25-200 2'	Soluble	Solid	DI Leach	
885-36939-33	BS25-201 2'	Soluble	Solid	DI Leach	
885-36939-34	BS25-202 2'	Soluble	Solid	DI Leach	
885-36939-35	BS25-203 2'	Soluble	Solid	DI Leach	
885-36939-36	BS25-187 2'	Soluble	Solid	DI Leach	
885-36939-37	BS25-188 2'	Soluble	Solid	DI Leach	
885-36939-38	BS25-189 2'	Soluble	Solid	DI Leach	
885-36939-39	BS25-190 2'	Soluble	Solid	DI Leach	
885-36939-40	BS25-179 2'	Soluble	Solid	DI Leach	
885-36939-41	BS25-180 2'	Soluble	Solid	DI Leach	
885-36939-42	BS25-181 2'	Soluble	Solid	DI Leach	
885-36939-43	BS25-182 2'	Soluble	Solid	DI Leach	
885-36939-44	BS25-184 2'	Soluble	Solid	DI Leach	
MB 880-123237/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-123237/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123237/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-36939-25 MS	BS25-207 2'	Soluble	Solid	DI Leach	
885-36939-25 MSD	BS25-207 2'	Soluble	Solid	DI Leach	
885-36939-35 MS	BS25-203 2'	Soluble	Solid	DI Leach	
885-36939-35 MSD	BS25-203 2'	Soluble	Solid	DI Leach	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

HPLC/IC

Leach Batch: 123242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-45	BS25-172 2'	Soluble	Solid	DI Leach	
885-36939-46	BS25-173 2'	Soluble	Solid	DI Leach	
885-36939-47	BS25-174 2'	Soluble	Solid	DI Leach	
885-36939-48	BS25-175 2'	Soluble	Solid	DI Leach	
885-36939-49	BS25-166 2'	Soluble	Solid	DI Leach	
885-36939-50	BS25-167 2'	Soluble	Solid	DI Leach	
885-36939-51	BS25-168 2'	Soluble	Solid	DI Leach	
885-36939-52	BS25-169 2'	Soluble	Solid	DI Leach	
885-36939-53	BS25-170 2'	Soluble	Solid	DI Leach	
885-36939-54	BS25-162 2'	Soluble	Solid	DI Leach	
885-36939-55	BS25-163 2'	Soluble	Solid	DI Leach	
885-36939-56	BS25-164 2'	Soluble	Solid	DI Leach	
885-36939-57	BS25-165 2'	Soluble	Solid	DI Leach	
885-36939-58	BS25-157 2'	Soluble	Solid	DI Leach	
885-36939-59	BS25-158 2'	Soluble	Solid	DI Leach	
885-36939-60	BS25-159 2'	Soluble	Solid	DI Leach	
885-36939-61	BS25-153 2'	Soluble	Solid	DI Leach	
885-36939-62	BS25-154 2'	Soluble	Solid	DI Leach	
885-36939-63	BS25-148 2'	Soluble	Solid	DI Leach	
885-36939-64	BS25-149 2'	Soluble	Solid	DI Leach	
MB 880-123242/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-123242/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123242/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-36939-45 MS	BS25-172 2'	Soluble	Solid	DI Leach	
885-36939-45 MSD	BS25-172 2'	Soluble	Solid	DI Leach	
885-36939-55 MS	BS25-163 2'	Soluble	Solid	DI Leach	
885-36939-55 MSD	BS25-163 2'	Soluble	Solid	DI Leach	

Leach Batch: 123247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-65	BS25-150 2'	Soluble	Solid	DI Leach	
885-36939-66	BS25-144 2'	Soluble	Solid	DI Leach	
885-36939-67	BS25-122 3.5'	Soluble	Solid	DI Leach	
885-36939-68	BS25-127 3'	Soluble	Solid	DI Leach	
885-36939-69	BS25-116 3.5'	Soluble	Solid	DI Leach	
885-36939-70	BS25-125 3.5'	Soluble	Solid	DI Leach	
885-36939-72	BS25-60 8'	Soluble	Solid	DI Leach	
885-36939-73	BS25-64 8'	Soluble	Solid	DI Leach	
885-36939-74	BS25-65 8'	Soluble	Solid	DI Leach	
885-36939-75	BS25-76 8'	Soluble	Solid	DI Leach	
885-36939-76	BS25-66 8'	Soluble	Solid	DI Leach	
885-36939-77	BS25-89 8'	Soluble	Solid	DI Leach	
885-36939-78	BS25-90 8'	Soluble	Solid	DI Leach	
885-36939-79	BS25-91 8'	Soluble	Solid	DI Leach	
885-36939-80	BS25-88 8'	Soluble	Solid	DI Leach	
885-36939-81	BS25-92 8'	Soluble	Solid	DI Leach	
885-36939-82	BS25-40 5'	Soluble	Solid	DI Leach	
885-36939-83	WS25-31 1-5'	Soluble	Solid	DI Leach	
885-36939-84	WS25-31 5-8'	Soluble	Solid	DI Leach	
885-36939-85	BS25-120 4'	Soluble	Solid	DI Leach	
MB 880-123247/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

HPLC/IC (Continued)

Leach Batch: 123247 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-123247/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123247/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-36939-65 MS	BS25-150 2'	Soluble	Solid	DI Leach	
885-36939-65 MSD	BS25-150 2'	Soluble	Solid	DI Leach	
885-36939-76 MS	BS25-66 8'	Soluble	Solid	DI Leach	
885-36939-76 MSD	BS25-66 8'	Soluble	Solid	DI Leach	

Leach Batch: 123248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-86	BS25-79 4.5'	Soluble	Solid	DI Leach	
885-36939-87	WS25-32 2-5'	Soluble	Solid	DI Leach	
885-36939-88	WS25-32 5-8'	Soluble	Solid	DI Leach	
885-36939-89	BS25-78 3.5'	Soluble	Solid	DI Leach	
885-36939-90	WS25-33 7-8'	Soluble	Solid	DI Leach	
885-36939-91	WS25-34 3-5'	Soluble	Solid	DI Leach	
885-36939-92	BS25-299 2'	Soluble	Solid	DI Leach	
885-36939-93	BS25-278 2'	Soluble	Solid	DI Leach	
885-36939-94	BS25-424 2'	Soluble	Solid	DI Leach	
885-36939-96	BS25-423 2'	Soluble	Solid	DI Leach	
885-36939-97	BS25-93 7'	Soluble	Solid	DI Leach	
885-36939-98	BS25-94 7'	Soluble	Solid	DI Leach	
885-36939-99	BS25-62 5'	Soluble	Solid	DI Leach	
885-36939-100	BS25-105 4'	Soluble	Solid	DI Leach	
885-36939-101	BS25-95 7'	Soluble	Solid	DI Leach	
885-36939-102	BS25-59 8'	Soluble	Solid	DI Leach	
885-36939-103	BS25-247 2'	Soluble	Solid	DI Leach	
885-36939-104	BS25-276 2'	Soluble	Solid	DI Leach	
MB 880-123248/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-123248/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123248/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-36939-86 MS	BS25-79 4.5'	Soluble	Solid	DI Leach	
885-36939-86 MSD	BS25-79 4.5'	Soluble	Solid	DI Leach	
885-36939-97 MS	BS25-93 7'	Soluble	Solid	DI Leach	
885-36939-97 MSD	BS25-93 7'	Soluble	Solid	DI Leach	

Analysis Batch: 123296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-1	BS25-443 2'	Soluble	Solid	300.0	123235
885-36939-2	BS25-427 2'	Soluble	Solid	300.0	123235
885-36939-3	BS25-289 2'	Soluble	Solid	300.0	123235
MB 880-123235/1-A	Method Blank	Soluble	Solid	300.0	123235
LCS 880-123235/2-A	Lab Control Sample	Soluble	Solid	300.0	123235
LCSD 880-123235/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123235

Analysis Batch: 123307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-4	BS25-429 2'	Soluble	Solid	300.0	123236
885-36939-5	BS25-279 2'	Soluble	Solid	300.0	123236
885-36939-6	BS25-269 2'	Soluble	Solid	300.0	123236
885-36939-7	BS25-268 2'	Soluble	Solid	300.0	123236
885-36939-8	BS25-267 2'	Soluble	Solid	300.0	123236

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

HPLC/IC (Continued)

Analysis Batch: 123307 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-9	BS25-266 2'	Soluble	Solid	300.0	123236
885-36939-10	BS25-265 2'	Soluble	Solid	300.0	123236
885-36939-11	BS25-259 2'	Soluble	Solid	300.0	123236
885-36939-12	BS25-258 2'	Soluble	Solid	300.0	123236
885-36939-13	BS25-257 2'	Soluble	Solid	300.0	123236
885-36939-14	BS25-255 2'	Soluble	Solid	300.0	123236
885-36939-15	BS25-249 2'	Soluble	Solid	300.0	123236
885-36939-16	BS25-248 2'	Soluble	Solid	300.0	123236
885-36939-18	BS25-436 2'	Soluble	Solid	300.0	123236
885-36939-19	BS25-239 2'	Soluble	Solid	300.0	123236
885-36939-20	BS25-238 2'	Soluble	Solid	300.0	123236
885-36939-21	BS25-237 2'	Soluble	Solid	300.0	123236
885-36939-22	BS25-236 2'	Soluble	Solid	300.0	123236
885-36939-23	BS25-205 2'	Soluble	Solid	300.0	123236
885-36939-24	BS25-206 2'	Soluble	Solid	300.0	123236
MB 880-123236/1-A	Method Blank	Soluble	Solid	300.0	123236
LCS 880-123236/2-A	Lab Control Sample	Soluble	Solid	300.0	123236
LCSD 880-123236/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123236
885-36939-4 MS	BS25-429 2'	Soluble	Solid	300.0	123236
885-36939-4 MSD	BS25-429 2'	Soluble	Solid	300.0	123236
885-36939-14 MS	BS25-255 2'	Soluble	Solid	300.0	123236
885-36939-14 MSD	BS25-255 2'	Soluble	Solid	300.0	123236

Analysis Batch: 123311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-25	BS25-207 2'	Soluble	Solid	300.0	123237
885-36939-26	BS25-208 2'	Soluble	Solid	300.0	123237
885-36939-27	BS25-228 2'	Soluble	Solid	300.0	123237
885-36939-28	BS25-227 2'	Soluble	Solid	300.0	123237
885-36939-29	BS25-223 2'	Soluble	Solid	300.0	123237
885-36939-30	BS25-198 2'	Soluble	Solid	300.0	123237
885-36939-31	BS25-199 2'	Soluble	Solid	300.0	123237
885-36939-32	BS25-200 2'	Soluble	Solid	300.0	123237
885-36939-33	BS25-201 2'	Soluble	Solid	300.0	123237
885-36939-34	BS25-202 2'	Soluble	Solid	300.0	123237
885-36939-35	BS25-203 2'	Soluble	Solid	300.0	123237
885-36939-36	BS25-187 2'	Soluble	Solid	300.0	123237
885-36939-37	BS25-188 2'	Soluble	Solid	300.0	123237
885-36939-38	BS25-189 2'	Soluble	Solid	300.0	123237
885-36939-39	BS25-190 2'	Soluble	Solid	300.0	123237
885-36939-40	BS25-179 2'	Soluble	Solid	300.0	123237
885-36939-41	BS25-180 2'	Soluble	Solid	300.0	123237
885-36939-42	BS25-181 2'	Soluble	Solid	300.0	123237
885-36939-43	BS25-182 2'	Soluble	Solid	300.0	123237
885-36939-44	BS25-184 2'	Soluble	Solid	300.0	123237
MB 880-123237/1-A	Method Blank	Soluble	Solid	300.0	123237
LCS 880-123237/2-A	Lab Control Sample	Soluble	Solid	300.0	123237
LCSD 880-123237/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123237
885-36939-25 MS	BS25-207 2'	Soluble	Solid	300.0	123237
885-36939-25 MSD	BS25-207 2'	Soluble	Solid	300.0	123237
885-36939-35 MS	BS25-203 2'	Soluble	Solid	300.0	123237

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

HPLC/IC (Continued)

Analysis Batch: 123311 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-35 MSD	BS25-203 2'	Soluble	Solid	300.0	123237

Analysis Batch: 123319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-65	BS25-150 2'	Soluble	Solid	300.0	123247
885-36939-66	BS25-144 2'	Soluble	Solid	300.0	123247
885-36939-67	BS25-122 3.5'	Soluble	Solid	300.0	123247
885-36939-68	BS25-127 3'	Soluble	Solid	300.0	123247
885-36939-69	BS25-116 3.5'	Soluble	Solid	300.0	123247
885-36939-70	BS25-125 3.5'	Soluble	Solid	300.0	123247
885-36939-72	BS25-60 8'	Soluble	Solid	300.0	123247
885-36939-73	BS25-64 8'	Soluble	Solid	300.0	123247
885-36939-74	BS25-65 8'	Soluble	Solid	300.0	123247
885-36939-75	BS25-76 8'	Soluble	Solid	300.0	123247
885-36939-76	BS25-66 8'	Soluble	Solid	300.0	123247
885-36939-77	BS25-89 8'	Soluble	Solid	300.0	123247
885-36939-78	BS25-90 8'	Soluble	Solid	300.0	123247
885-36939-79	BS25-91 8'	Soluble	Solid	300.0	123247
885-36939-80	BS25-88 8'	Soluble	Solid	300.0	123247
885-36939-81	BS25-92 8'	Soluble	Solid	300.0	123247
885-36939-82	BS25-40 5'	Soluble	Solid	300.0	123247
885-36939-83	WS25-31 1-5'	Soluble	Solid	300.0	123247
885-36939-84	WS25-31 5-8'	Soluble	Solid	300.0	123247
885-36939-85	BS25-120 4'	Soluble	Solid	300.0	123247
MB 880-123247/1-A	Method Blank	Soluble	Solid	300.0	123247
LCS 880-123247/2-A	Lab Control Sample	Soluble	Solid	300.0	123247
LCSD 880-123247/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123247
885-36939-65 MS	BS25-150 2'	Soluble	Solid	300.0	123247
885-36939-65 MSD	BS25-150 2'	Soluble	Solid	300.0	123247
885-36939-76 MS	BS25-66 8'	Soluble	Solid	300.0	123247
885-36939-76 MSD	BS25-66 8'	Soluble	Solid	300.0	123247

Analysis Batch: 123320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-45	BS25-172 2'	Soluble	Solid	300.0	123242
885-36939-46	BS25-173 2'	Soluble	Solid	300.0	123242
885-36939-47	BS25-174 2'	Soluble	Solid	300.0	123242
885-36939-48	BS25-175 2'	Soluble	Solid	300.0	123242
885-36939-49	BS25-166 2'	Soluble	Solid	300.0	123242
885-36939-50	BS25-167 2'	Soluble	Solid	300.0	123242
885-36939-51	BS25-168 2'	Soluble	Solid	300.0	123242
885-36939-52	BS25-169 2'	Soluble	Solid	300.0	123242
885-36939-53	BS25-170 2'	Soluble	Solid	300.0	123242
885-36939-54	BS25-162 2'	Soluble	Solid	300.0	123242
885-36939-55	BS25-163 2'	Soluble	Solid	300.0	123242
885-36939-56	BS25-164 2'	Soluble	Solid	300.0	123242
885-36939-57	BS25-165 2'	Soluble	Solid	300.0	123242
885-36939-58	BS25-157 2'	Soluble	Solid	300.0	123242
885-36939-59	BS25-158 2'	Soluble	Solid	300.0	123242
885-36939-60	BS25-159 2'	Soluble	Solid	300.0	123242
885-36939-61	BS25-153 2'	Soluble	Solid	300.0	123242

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

HPLC/IC (Continued)

Analysis Batch: 123320 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-62	BS25-154 2'	Soluble	Solid	300.0	123242
885-36939-63	BS25-148 2'	Soluble	Solid	300.0	123242
885-36939-64	BS25-149 2'	Soluble	Solid	300.0	123242
MB 880-123242/1-A	Method Blank	Soluble	Solid	300.0	123242
LCS 880-123242/2-A	Lab Control Sample	Soluble	Solid	300.0	123242
LCSD 880-123242/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123242
885-36939-45 MS	BS25-172 2'	Soluble	Solid	300.0	123242
885-36939-45 MSD	BS25-172 2'	Soluble	Solid	300.0	123242
885-36939-55 MS	BS25-163 2'	Soluble	Solid	300.0	123242
885-36939-55 MSD	BS25-163 2'	Soluble	Solid	300.0	123242

Analysis Batch: 123349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-36939-86	BS25-79 4.5'	Soluble	Solid	300.0	123248
885-36939-87	WS25-32 2-5'	Soluble	Solid	300.0	123248
885-36939-88	WS25-32 5-8'	Soluble	Solid	300.0	123248
885-36939-89	BS25-78 3.5'	Soluble	Solid	300.0	123248
885-36939-90	WS25-33 7-8'	Soluble	Solid	300.0	123248
885-36939-91	WS25-34 3-5'	Soluble	Solid	300.0	123248
885-36939-92	BS25-299 2'	Soluble	Solid	300.0	123248
885-36939-93	BS25-278 2'	Soluble	Solid	300.0	123248
885-36939-94	BS25-424 2'	Soluble	Solid	300.0	123248
885-36939-96	BS25-423 2'	Soluble	Solid	300.0	123248
885-36939-97	BS25-93 7'	Soluble	Solid	300.0	123248
885-36939-98	BS25-94 7'	Soluble	Solid	300.0	123248
885-36939-99	BS25-62 5'	Soluble	Solid	300.0	123248
885-36939-100	BS25-105 4'	Soluble	Solid	300.0	123248
885-36939-101	BS25-95 7'	Soluble	Solid	300.0	123248
885-36939-102	BS25-59 8'	Soluble	Solid	300.0	123248
885-36939-103	BS25-247 2'	Soluble	Solid	300.0	123248
885-36939-104	BS25-276 2'	Soluble	Solid	300.0	123248
MB 880-123248/1-A	Method Blank	Soluble	Solid	300.0	123248
LCS 880-123248/2-A	Lab Control Sample	Soluble	Solid	300.0	123248
LCSD 880-123248/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123248
885-36939-86 MS	BS25-79 4.5'	Soluble	Solid	300.0	123248
885-36939-86 MSD	BS25-79 4.5'	Soluble	Solid	300.0	123248
885-36939-97 MS	BS25-93 7'	Soluble	Solid	300.0	123248
885-36939-97 MSD	BS25-93 7'	Soluble	Solid	300.0	123248

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-443 2'
Date Collected: 11/04/25 12:05
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 09:52
Total/NA	Prep	8015NM Prep			123095	EL	EET MID	11/06/25 09:23
Total/NA	Analysis	8015B NM		1	123153	SA	EET MID	11/06/25 23:06
Soluble	Leach	DI Leach			123235	SA	EET MID	11/07/25 08:08
Soluble	Analysis	300.0		1	123296	CS	EET MID	11/07/25 15:12

Client Sample ID: BS25-427 2'
Date Collected: 11/04/25 12:10
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 10:12
Total/NA	Prep	8015NM Prep			123095	EL	EET MID	11/06/25 09:23
Total/NA	Analysis	8015B NM		1	123153	SA	EET MID	11/06/25 23:20
Soluble	Leach	DI Leach			123235	SA	EET MID	11/07/25 08:08
Soluble	Analysis	300.0		1	123296	CS	EET MID	11/07/25 15:18

Client Sample ID: BS25-289 2'
Date Collected: 11/04/25 12:15
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 10:33
Total/NA	Prep	8015NM Prep			123095	EL	EET MID	11/06/25 09:23
Total/NA	Analysis	8015B NM		1	123153	SA	EET MID	11/06/25 23:34
Soluble	Leach	DI Leach			123235	SA	EET MID	11/07/25 08:08
Soluble	Analysis	300.0		1	123296	CS	EET MID	11/07/25 15:23

Client Sample ID: BS25-429 2'
Date Collected: 11/04/25 12:20
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 10:53
Total/NA	Prep	8015NM Prep			123095	EL	EET MID	11/06/25 09:23
Total/NA	Analysis	8015B NM		1	123153	SA	EET MID	11/06/25 23:49
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 14:01

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-279 2'
Date Collected: 11/04/25 12:25
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 11:14
Total/NA	Prep	8015NM Prep			123095	EL	EET MID	11/06/25 09:23
Total/NA	Analysis	8015B NM		1	123153	SA	EET MID	11/07/25 00:03
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 14:19

Client Sample ID: BS25-269 2'
Date Collected: 11/04/25 12:30
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 11:34
Total/NA	Prep	8015NM Prep			123095	EL	EET MID	11/06/25 09:23
Total/NA	Analysis	8015B NM		1	123153	SA	EET MID	11/07/25 00:19
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 14:25

Client Sample ID: BS25-268 2'
Date Collected: 11/04/25 12:35
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 12:10
Total/NA	Prep	8015NM Prep			123095	EL	EET MID	11/06/25 09:23
Total/NA	Analysis	8015B NM		1	123153	SA	EET MID	11/07/25 00:33
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 14:30

Client Sample ID: BS25-267 2'
Date Collected: 11/04/25 12:40
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 12:31
Total/NA	Prep	8015NM Prep			123095	EL	EET MID	11/06/25 09:23
Total/NA	Analysis	8015B NM		1	123153	SA	EET MID	11/07/25 00:49
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 14:36

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-266 2'
Date Collected: 11/04/25 12:45
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 12:51
Total/NA	Prep	8015NM Prep			123095	EL	EET MID	11/06/25 09:23
Total/NA	Analysis	8015B NM		1	123153	SA	EET MID	11/07/25 01:04
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 14:54

Client Sample ID: BS25-265 2'
Date Collected: 11/04/25 12:50
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 13:12
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/06/25 21:30
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 15:00

Client Sample ID: BS25-259 2'
Date Collected: 11/04/25 12:55
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 14:44
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/06/25 22:16
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 15:05

Client Sample ID: BS25-258 2'
Date Collected: 11/04/25 13:00
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 15:05
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/06/25 22:31
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 15:11

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-257 2'
Date Collected: 11/04/25 13:05
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 15:25
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/06/25 22:46
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 15:17

Client Sample ID: BS25-255 2'
Date Collected: 11/04/25 13:08
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 15:46
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/06/25 23:01
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 15:23

Client Sample ID: BS25-249 2'
Date Collected: 11/04/25 13:10
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 16:06
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/06/25 23:16
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 15:40

Client Sample ID: BS25-248 2'
Date Collected: 11/04/25 13:14
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 16:27
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/06/25 23:31
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 15:46

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-436 2'
Lab Sample ID: 885-36939-18
Date Collected: 11/04/25 13:20
Matrix: Solid
Date Received: 11/05/25 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 16:47
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/07/25 00:02
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 16:04

Client Sample ID: BS25-239 2'
Lab Sample ID: 885-36939-19
Date Collected: 11/04/25 13:23
Matrix: Solid
Date Received: 11/05/25 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 17:08
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/07/25 00:19
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 16:10

Client Sample ID: BS25-238 2'
Lab Sample ID: 885-36939-20
Date Collected: 11/04/25 13:25
Matrix: Solid
Date Received: 11/05/25 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123182	MNR	EET MID	11/06/25 13:29
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 17:28
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/07/25 00:50
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 16:16

Client Sample ID: BS25-237 2'
Lab Sample ID: 885-36939-21
Date Collected: 11/04/25 13:28
Matrix: Solid
Date Received: 11/05/25 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/07/25 22:55
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/07/25 01:05
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 16:21

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-236 2'
Date Collected: 11/04/25 13:30
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/07/25 23:16
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/07/25 01:21
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 16:27

Client Sample ID: BS25-205 2'
Date Collected: 11/04/25 13:33
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/07/25 23:37
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/07/25 01:36
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 16:33

Client Sample ID: BS25-206 2'
Date Collected: 11/04/25 13:35
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/07/25 23:57
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/07/25 01:52
Soluble	Leach	DI Leach			123236	SA	EET MID	11/07/25 08:10
Soluble	Analysis	300.0		1	123307	CS	EET MID	11/07/25 16:39

Client Sample ID: BS25-207 2'
Date Collected: 11/04/25 13:38
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 00:17
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/07/25 02:07
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 17:26

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-208 2'
Date Collected: 11/04/25 13:40
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 00:38
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/07/25 02:24
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 17:43

Client Sample ID: BS25-228 2'
Date Collected: 11/04/25 13:44
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 00:58
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/07/25 02:38
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 17:49

Client Sample ID: BS25-227 2'
Date Collected: 11/04/25 13:48
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 01:19
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/07/25 02:55
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 17:55

Client Sample ID: BS25-223 2'
Date Collected: 11/04/25 13:50
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 01:39
Total/NA	Prep	8015NM Prep			123107	EL	EET MID	11/06/25 09:59
Total/NA	Analysis	8015B NM		1	123176	FC	EET MID	11/07/25 03:09
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 18:01

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-198 2'
Date Collected: 11/04/25 13:54
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 02:00
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 23:57
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 18:18

Client Sample ID: BS25-199 2'
Date Collected: 11/04/25 13:58
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 03:33
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 00:42
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 18:24

Client Sample ID: BS25-200 2'
Date Collected: 11/04/25 14:00
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 03:54
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 00:58
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 18:30

Client Sample ID: BS25-201 2'
Date Collected: 11/04/25 14:02
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 04:14
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 01:13
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 18:36

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-202 2'
Date Collected: 11/04/25 14:05
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 04:35
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 01:28
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 18:42

Client Sample ID: BS25-203 2'
Date Collected: 11/04/25 14:08
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 04:55
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 01:43
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 18:47

Client Sample ID: BS25-187 2'
Date Collected: 11/04/25 14:10
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 05:16
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 01:58
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 19:05

Client Sample ID: BS25-188 2'
Date Collected: 11/04/25 14:12
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 05:36
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 02:15
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 19:11

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-189 2'
Date Collected: 11/04/25 14:15
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 05:57
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 02:29
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 19:28

Client Sample ID: BS25-190 2'
Date Collected: 11/04/25 14:18
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 06:17
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 02:46
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 19:34

Client Sample ID: BS25-179 2'
Date Collected: 11/04/25 14:20
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123183	MNR	EET MID	11/06/25 13:32
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/08/25 06:37
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 03:16
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/08/25 12:04

Client Sample ID: BS25-180 2'
Date Collected: 11/04/25 14:23
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/07/25 23:01
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 03:31
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 19:42

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-181 2'
Date Collected: 11/04/25 14:25
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/07/25 23:21
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 03:46
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 19:48

Client Sample ID: BS25-182 2'
Date Collected: 11/04/25 14:28
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/07/25 23:42
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 04:01
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 19:53

Client Sample ID: BS25-184 2'
Date Collected: 11/04/25 14:30
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 00:02
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 04:16
Soluble	Leach	DI Leach			123237	SA	EET MID	11/07/25 08:12
Soluble	Analysis	300.0		1	123311	CS	EET MID	11/07/25 19:59

Client Sample ID: BS25-172 2'
Date Collected: 11/04/25 14:33
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 00:23
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 04:32
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 19:09

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-173 2'
Date Collected: 11/04/25 14:36
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 00:43
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 04:47
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 19:24

Client Sample ID: BS25-174 2'
Date Collected: 11/04/25 14:40
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 01:04
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 05:03
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 19:30

Client Sample ID: BS25-175 2'
Date Collected: 11/04/25 14:42
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 01:25
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 05:18
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 19:35

Client Sample ID: BS25-166 2'
Date Collected: 11/04/25 14:45
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 01:45
Total/NA	Prep	8015NM Prep			123108	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/08/25 05:34
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 19:40

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-167 2'
Date Collected: 11/04/25 14:48
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 02:06
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 16:19
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 19:56

Client Sample ID: BS25-168 2'
Date Collected: 11/04/25 14:50
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 03:40
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 17:04
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 20:01

Client Sample ID: BS25-169 2'
Date Collected: 11/04/25 14:53
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 04:01
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 17:19
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 20:06

Client Sample ID: BS25-170 2'
Date Collected: 11/04/25 14:55
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 04:21
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 17:35
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 20:12

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-162 2'
Date Collected: 11/04/25 14:58
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 04:42
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 17:50
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 20:17

Client Sample ID: BS25-163 2'
Date Collected: 11/04/25 15:00
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 05:03
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 18:04
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 20:22

Client Sample ID: BS25-164 2'
Date Collected: 11/04/25 15:03
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 05:23
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 18:19
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 20:38

Client Sample ID: BS25-165 2'
Date Collected: 11/04/25 15:06
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 05:44
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 18:36
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 20:43

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-157 2'
Date Collected: 11/04/25 15:10
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 06:04
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 18:51
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 20:59

Client Sample ID: BS25-158 2'
Date Collected: 11/04/25 15:12
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 06:25
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 19:06
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 21:04

Client Sample ID: BS25-159 2'
Date Collected: 11/04/25 15:15
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123189	MNR	EET MID	11/06/25 13:35
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 06:45
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 19:37
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 21:09

Client Sample ID: BS25-153 2'
Date Collected: 11/04/25 15:18
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 10:02
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 19:52
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 21:15

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-154 2'
Date Collected: 11/04/25 15:20
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-62
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 10:22
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 20:07
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 21:20

Client Sample ID: BS25-148 2'
Date Collected: 11/04/25 15:23
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 10:43
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 20:22
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 21:25

Client Sample ID: BS25-149 2'
Date Collected: 11/04/25 15:25
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 11:03
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 20:38
Soluble	Leach	DI Leach			123242	SA	EET MID	11/07/25 08:14
Soluble	Analysis	300.0		1	123320	CS	EET MID	11/07/25 21:30

Client Sample ID: BS25-150 2'
Date Collected: 11/04/25 15:28
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-65
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 11:24
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 20:53
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 16:05

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-144 2'
Date Collected: 11/04/25 15:30
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-66
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 12:10
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 21:09
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 16:21

Client Sample ID: BS25-122 3.5'
Date Collected: 11/04/25 15:33
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 12:30
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 21:24
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 16:26

Client Sample ID: BS25-127 3'
Date Collected: 11/04/25 15:35
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-68
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 12:51
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 21:39
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 16:31

Client Sample ID: BS25-116 3.5'
Date Collected: 11/04/25 15:38
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-69
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 13:11
Total/NA	Prep	8015NM Prep			123109	EL	EET MID	11/06/25 10:01
Total/NA	Analysis	8015B NM		1	123256	FC	EET MID	11/07/25 21:54
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 16:36

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-125 3.5'
Date Collected: 11/04/25 15:40
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-70
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 13:32
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 19:41
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 16:52

Client Sample ID: BS25-60 8'
Date Collected: 11/04/25 15:45
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-72
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 15:06
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 20:40
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 16:57

Client Sample ID: BS25-64 8'
Date Collected: 11/04/25 15:48
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-73
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 15:26
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 20:55
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 17:03

Client Sample ID: BS25-65 8'
Date Collected: 11/04/25 15:50
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-74
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 15:47
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 21:09
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 17:08

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-76 8'
Date Collected: 11/04/25 15:53
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-75
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 16:07
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 21:23
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 17:13

Client Sample ID: BS25-66 8'
Date Collected: 11/04/25 15:56
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-76
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 16:28
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 21:37
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 17:18

Client Sample ID: BS25-89 8'
Date Collected: 11/04/25 16:00
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 16:48
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 21:52
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 17:34

Client Sample ID: BS25-90 8'
Date Collected: 11/04/25 16:03
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-78
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 17:09
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 22:07
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 17:39

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-91 8'
Date Collected: 11/04/25 16:05
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-79
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 17:29
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 22:21
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 17:55

Client Sample ID: BS25-88 8'
Date Collected: 11/04/25 16:08
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-80
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123191	MNR	EET MID	11/06/25 13:37
Total/NA	Analysis	8021B		1	123252	MNR	EET MID	11/08/25 17:50
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 22:51
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 18:00

Client Sample ID: BS25-92 8'
Date Collected: 11/04/25 16:10
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-81
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/07/25 22:55
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 23:06
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 18:06

Client Sample ID: BS25-40 5'
Date Collected: 11/04/25 16:13
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-82
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/07/25 23:15
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 23:20
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 18:11

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: WS25-31 1-5'
Lab Sample ID: 885-36939-83
Date Collected: 11/04/25 16:15
Matrix: Solid
Date Received: 11/05/25 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/07/25 23:36
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 23:34
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 18:16

Client Sample ID: WS25-31 5-8'
Lab Sample ID: 885-36939-84
Date Collected: 11/04/25 16:18
Matrix: Solid
Date Received: 11/05/25 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/07/25 23:56
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/06/25 23:49
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 18:21

Client Sample ID: BS25-120 4'
Lab Sample ID: 885-36939-85
Date Collected: 11/04/25 16:20
Matrix: Solid
Date Received: 11/05/25 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 00:16
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/07/25 00:03
Soluble	Leach	DI Leach			123247	SA	EET MID	11/07/25 08:16
Soluble	Analysis	300.0		1	123319	CS	EET MID	11/07/25 18:27

Client Sample ID: BS25-79 4.5'
Lab Sample ID: 885-36939-86
Date Collected: 11/04/25 16:23
Matrix: Solid
Date Received: 11/05/25 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 00:37
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/07/25 00:19
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:17
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 00:09

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: WS25-32 2-5'
Date Collected: 11/04/25 16:25
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-87
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 00:57
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/07/25 00:33
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:17
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 00:27

Client Sample ID: WS25-32 5-8'
Date Collected: 11/04/25 16:28
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-88
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 01:18
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/07/25 00:49
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:17
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 00:33

Client Sample ID: BS25-78 3.5'
Date Collected: 11/04/25 16:30
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-89
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 01:38
Total/NA	Prep	8015NM Prep			123110	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123148	FC	EET MID	11/07/25 01:04
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:17
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 00:39

Client Sample ID: WS25-33 7-8'
Date Collected: 11/04/25 16:33
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-90
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 01:58
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 16:19
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:17
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 00:45

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: WS25-34 3-5'
Date Collected: 11/04/25 16:35
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-91
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 03:32
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 17:04
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/10/25 08:43

Client Sample ID: BS25-299 2'
Date Collected: 11/04/25 16:38
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-92
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 03:52
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 17:19
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 01:04

Client Sample ID: BS25-278 2'
Date Collected: 11/04/25 16:40
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-93
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 04:13
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 17:35
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 01:10

Client Sample ID: BS25-424 2'
Date Collected: 11/04/25 16:43
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-94
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 04:33
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 17:50
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		5	123349	CS	EET MID	11/09/25 01:16

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-423 2'
Date Collected: 11/04/25 16:48
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-96
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 04:53
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 18:19
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 01:21

Client Sample ID: BS25-93 7'
Date Collected: 11/04/25 16:50
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-97
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 05:14
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 18:36
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 01:27

Client Sample ID: BS25-94 7'
Date Collected: 11/04/25 16:55
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-98
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 05:34
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 18:51
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 01:45

Client Sample ID: BS25-62 5'
Date Collected: 11/04/25 17:00
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-99
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 05:55
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 19:06
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 01:51

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-105 4'
Date Collected: 11/04/25 17:05
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-100
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 06:15
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 19:37
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 02:08

Client Sample ID: BS25-95 7'
Date Collected: 11/04/25 17:10
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-101
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123193	MNR	EET MID	11/06/25 13:48
Total/NA	Analysis	8021B		1	123250	MNR	EET MID	11/08/25 06:35
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 19:52
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		5	123349	CS	EET MID	11/09/25 02:14

Client Sample ID: BS25-59 8'
Date Collected: 11/04/25 17:12
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-102
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123210	MNR	EET MID	11/06/25 16:13
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/09/25 02:42
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 20:07
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 02:20

Client Sample ID: BS25-247 2'
Date Collected: 11/04/25 17:14
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-103
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123210	MNR	EET MID	11/06/25 16:13
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/09/25 03:03
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 20:22
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 02:26

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-36939-1

Client Sample ID: BS25-276 2'

Date Collected: 11/04/25 17:16
Date Received: 11/05/25 13:00

Lab Sample ID: 885-36939-104

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			123210	MNR	EET MID	11/06/25 16:13
Total/NA	Analysis	8021B		1	123251	MNR	EET MID	11/09/25 03:23
Total/NA	Prep	8015NM Prep			123111	EL	EET MID	11/06/25 10:02
Total/NA	Analysis	8015B NM		1	123258	FC	EET MID	11/07/25 20:38
Soluble	Leach	DI Leach			123248	SA	EET MID	11/07/25 08:18
Soluble	Analysis	300.0		1	123349	CS	EET MID	11/09/25 02:32

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Vertex
Job ID: 885-36939-1
Project/Site: Padron AST

Laboratory: Eurofins Midland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

Released to Imaging: 2/19/2026 3:49:38 PM
Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: EOG / Vertex

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 4 DAY
☑ Standard ☐ Rush

Project Name: Padron AST

Project #: 25A-03091

Project Manager: Chance Dixon

Sampler: CD

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

885-36939 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	12:05	Soil	BS25-443	2'	4 oz	ICE											
	12:10		BS25-427	2'													
	12:15		BS25-289	2'													
	12:20		BS25-429	2'													
	12:25		BS25-279	2'													
	12:30		BS25-269	2'													
	12:35		BS25-268	2'													
	12:40		BS25-267	2'													
	12:45		BS25-266	2'													
	12:50		BS25-265	2'													
	12:55		BS25-259	2'													
	13:00		BS25-259	2'													

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11/5						
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:
Direct Bill Chase Settle

Changes to sample depth made by CMC per Andrew Ludvig CMC 11/18/25

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: 2/19/2026 3:49:38 PM
Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: EOG / Vertex

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 4 DAY
☑ Standard ☐ Rush

Project Name: Padron AST

Project #: 25A-03091

Project Manager: Chance Dixon

Sampler: CD

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)
11-4-25	13:05	Soil	BS25-257 2'	4 oz	ICE											
	13:08		BS25-255 2'													
	13:10		BS25-249 2'													
	13:14		BS25-248 2'													
	13:18		BS25-437 2'													
	13:20		BS25-436 2'													
	13:23		BS25-239 2'													
	13:25		BS25-238 2'													
	13:28		BS25-237 2'													
	13:30		BS25-236 2'													
	13:33		BS25-205 2'													
	13:35		BS25-206 2'													

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11/5						
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: Direct Bill Chase Settle

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Released to Imaging: 2/19/2026 3:49:38 PM

Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: EOG / Vertex

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 4 DAY

☑ Standard ☐ Rush

Project Name: Padron A5T

Project #: 25A-03091

Project Manager: Chance Dixon

Sampler: CD

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.
11-4-25	13:38	Soil	BS25-207 2'	4 oz	ICE	
	13:40		BS25-208 2'			
	13:44		BS25-228 2'			
	13:48		BS25-227 2'			
	13:50		BS25-223 2'			
	13:54		BS25-198 2'			
	13:58		BS25-199 2'			
	14:00		BS25-200 2'			
	14:02		BS25-201 2'			
	14:05		BS25-202 2'			
	14:08		BS25-203 2'			
	14:10		BS25-187 2'			

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
11/5						
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: Direct Bill Chase Settle

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: 2/19/2026 3:49:38 PM

Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: EOG / Vertex

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 4 DAY
☑ Standard ☐ Rush

Project Name: Padron AST

Project #: 25A-03091

Project Manager: Chance Dixon

Sampler: CD

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.
11-4-25	14:12	S.1	BS25-188 2'	4oz	ICE	
	14:15		BS25-189 2'			
	14:18		BS25-190 2'			
	14:20		BS25-179 2'			
	14:23		BS25-180 2'			
	14:25		BS25-181 2'			
	14:28		BS25-182 2'			
	14:30		BS25-184 2'			
	14:33		BS25-172 2'			
	14:36		BS25-173 2'			
	14:40		BS25-174 2'			
	14:42		BS25-175 2'			

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
11/5						
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: Direct Bill Chase Settle

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: 2/19/2026 3:49:38 PM
Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: EOG / Vertex

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 4 DAY
☑ Standard ☐ Rush

Project Name: Padron 1ST

Project #: 2SA-03091

Project Manager: Chance Dixon

Sampler: CD

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.
11-4-25	14:45	Soil	BS25-166 2'	4 oz	ICE	
	14:48		BS25-167 2'			
	14:50		BS25-168 2'			
	14:53		BS25-169 2'			
	14:55		BS25-170 2'			
	14:58		BS25-162 2'			
	15:00		BS25-163 2'			
	15:03		BS25-164 2'			
	15:06		BS25-165 2'			
	15:10		BS25-157 2'			
	15:12		BS25-158 2'			
	15:15		BS25-159 2'			

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
11/5						
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: Direct Bill Chase Settle

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: 2/19/2026 3:49:38 PM
Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: EOG / Vertex

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 4
☑ Standard ☐ Rush

Project Name: Padron A5T

Project #: 25A-03091

Project Manager: Chance Dixon

Sampler: CD

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)
11-4-25	15:18	Soil	BS25-153 2'	4 oz	ICE											
	15:20		BS25-154 2'													
	15:23		BS25-148 2'													
	15:25		BS25-149 2'													
	15:28		BS25-150 2'													
	15:30		BS25-144 2'													
	15:33		BS25-122 3.5'													
	15:35		BS25-127 3'													
	15:38		BS25-116 3.5'													
	15:40		BS25-125 3.5'													
	15:43		BS25-63 5'													
	15:45		BS25-60 8'													

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11/5						
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: Direct Bill Chase Settle

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Chain-of-Custody Record

Client: EOG / Vertex

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 4 DAY
☑ Standard ☐ Rush

Project Name: Padron AST

Project #: 25A-03091

Project Manager: Chance Dixon

Sampler: CD

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)
11-4-25	15:48	Soil	BS25-64 8'	402	ICE											
	15:50		BS25-65 8'													
	15:53		BS25-76 8'													
	15:56		BS25-66 8'													
	16:00		BS25-89 8'													
	16:03		BS25-90 8'													
	16:05		BS25-91 8'													
	16:08		BS25-88 8'													
	16:10		BS25-92 8'													
	16:13		BS25-40 5'													
	16:15		WS25-31 1-5'													
	16:18		WS25-31 5-8'													

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11/5						
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: Direct Bill Chase Settle

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Chain-of-Custody Record

Client: EOG / Vertex

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 4 DAY
☑ Standard ☐ Rush

Project Name: Pedron AST

Project #: 25A-03091

Project Manager: Chance Dixon

Sampler: CD

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.
4-25	16:20	Soil	BS25-120 4'	402	ICE	
	16:23		BS25-79 4-5'			
	16:25		WS25-32 2-5'			
	16:28		WS25-32 5-8'			
	16:30		BS25-78 3.5'			
	16:33		WS25-33 7-8'			
	16:35		WS25-34 3-5'			
	16:38		BS25-299 2'			
	16:40		BS25-278 2'			
	16:43		BS25-424 2'			
	16:45		BS25-279 2'			
	16:48		BS25-423 2'			

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 | 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
11/5						
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:
Direct Bill Chase Settle

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Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: EOG / Vertex

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 4 DAY
☑ Standard ☐ Rush

Project Name: Padron AST

Project #: 25A-03091

Project Manager: Chance Dixon

Sampler: CD

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.
11-4-25	16:50	So.1	BS25-93 7'	4 oz	ICE	
	16:55		BS25-94 7'			
	17:00		BS25-62 5'			
	17:05		BS25-105 3'			
	17:10		BS25-95 7'			
	17:12		BS25-59 8'			
	17:14		BS25-247 2'			
	17:16		BS25-276 2'			

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
11/5						
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: Direct Bill Chase Settle

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Login Sample Receipt Checklist

Client: Vertex Job Number: 885-36939-1

Login Number: 36939 **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	

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-36939-1

Login Number: 36939
List Number: 2
Creator: Lee, Randall

List Source: Eurofins Midland
List Creation: 11/06/25 02:59 PM

Question	Answer	Comment
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").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Chance Dixon
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 11/18/2025 11:47:32 AM Revision 1

JOB DESCRIPTION

Padron

JOB NUMBER

885-37135-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/19/2026 3:49:58 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 11:47:32 AM
Revision 1

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Padron

Laboratory Job ID: 885-37135-1

Table of Contents

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Definitions/Glossary

Client: Vertex
Project/Site: Padron

Job ID: 885-37135-1

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: Padron

Job ID: 885-37135-1

Job ID: 885-37135-1 Eurofins Albuquerque

Job Narrative
885-37135-1

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 Please change BS25-63 to 5', BS25-279 to 2', and BS25-437 to 2's..

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
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: Padron

Job ID: 885-37135-1

Client Sample ID: BS25-63
Date Collected: 11/04/25 00:00
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37135-1
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		4.9		mg/Kg		11/10/25 09:08	11/11/25 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/10/25 09:08*	*11/11/25 21:49*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/10/25 09:08	11/11/25 21:49	1
Ethylbenzene	ND		0.049		mg/Kg		11/10/25 09:08	11/11/25 21:49	1
Toluene	ND		0.049		mg/Kg		11/10/25 09:08	11/11/25 21:49	1
Xylenes, Total	ND		0.098		mg/Kg		11/10/25 09:08	11/11/25 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 09:08*	*11/11/25 21:49*	*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		9.8		mg/Kg		11/10/25 11:44	11/10/25 18:45	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 11:44	11/10/25 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*11/10/25 11:44*	*11/10/25 18:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		11/10/25 10:26	11/10/25 15:08	10

Client Sample Results

Client: Vertex
Project/Site: Padron

Job ID: 885-37135-1

Client Sample ID: BS25-279
Date Collected: 11/04/25 00:00
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37135-2
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		11/10/25 09:08	11/11/25 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*15 - 150*	*11/10/25 09:08*	*11/11/25 22:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/10/25 09:08	11/11/25 22:13	1
Ethylbenzene	ND		0.049		mg/Kg		11/10/25 09:08	11/11/25 22:13	1
Toluene	ND		0.049		mg/Kg		11/10/25 09:08	11/11/25 22:13	1
Xylenes, Total	ND		0.098		mg/Kg		11/10/25 09:08	11/11/25 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/10/25 09:08*	*11/11/25 22:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		11/10/25 11:44	11/10/25 18:56	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 11:44	11/10/25 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*83*		*62 - 134*	*11/10/25 11:44*	*11/10/25 18:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49		mg/Kg		11/10/25 10:26	11/10/25 15:19	10

Client Sample Results

Client: Vertex
Project/Site: Padron

Job ID: 885-37135-1

Client Sample ID: BS25-437
Date Collected: 11/04/25 00:00
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37135-3
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		11/10/25 09:08	11/11/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/10/25 09:08*	*11/11/25 22:37*	*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 09:08	11/11/25 22:37	1
Ethylbenzene	ND		0.049		mg/Kg		11/10/25 09:08	11/11/25 22:37	1
Toluene	ND		0.049		mg/Kg		11/10/25 09:08	11/11/25 22:37	1
Xylenes, Total	ND		0.098		mg/Kg		11/10/25 09:08	11/11/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/10/25 09:08*	*11/11/25 22:37*	*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		9.9		mg/Kg		11/10/25 11:44	11/10/25 18:33	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 11:44	11/10/25 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*11/10/25 11:44*	*11/10/25 18:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49		mg/Kg		11/10/25 10:26	11/10/25 15:30	10

QC Sample Results

Client: Vertex
Project/Site: Padron

Job ID: 885-37135-1

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

Lab Sample ID: MB 885-38137/1-A
Matrix: Solid
Analysis Batch: 38282

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38137

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 09:08	11/11/25 18:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/10/25 09:08*	*11/11/25 18:16*	*1*

Lab Sample ID: LCS 885-38137/2-A
Matrix: Solid
Analysis Batch: 38282

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38137

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	27.7		mg/Kg		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*208*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-38137/1-A
Matrix: Solid
Analysis Batch: 38283

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38137

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/10/25 09:08	11/11/25 18:16	1
Ethylbenzene	ND		0.050		mg/Kg		11/10/25 09:08	11/11/25 18:16	1
Toluene	ND		0.050		mg/Kg		11/10/25 09:08	11/11/25 18:16	1
Xylenes, Total	ND		0.10		mg/Kg		11/10/25 09:08	11/11/25 18:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*15 - 150*	*11/10/25 09:08*	*11/11/25 18:16*	*1*

Lab Sample ID: MB 885-38137/1-A
Matrix: Solid
Analysis Batch: 38355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38137

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/10/25 09:08	11/12/25 16:10	1
Ethylbenzene	ND		0.050		mg/Kg		11/10/25 09:08	11/12/25 16:10	1
Toluene	ND		0.050		mg/Kg		11/10/25 09:08	11/12/25 16:10	1
Xylenes, Total	ND		0.10		mg/Kg		11/10/25 09:08	11/12/25 16:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 09:08*	*11/12/25 16:10*	*1*

QC Sample Results

Client: Vertex
Project/Site: Padron

Job ID: 885-37135-1

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

Lab Sample ID: LCS 885-38137/3-A
Matrix: Solid
Analysis Batch: 38283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38137

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.900		mg/Kg		90	70 - 130		
Ethylbenzene			1.00	0.912		mg/Kg		91	70 - 130		
Toluene			1.00	0.910		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*

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

Lab Sample ID: MB 885-38165/1-A
Matrix: Solid
Analysis Batch: 38179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38165

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		11/10/25 11:44	11/10/25 16:28	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/10/25 11:44	11/10/25 16:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/10/25 11:44*	*11/10/25 16:28*	*1*

Lab Sample ID: LCS 885-38165/2-A
Matrix: Solid
Analysis Batch: 38179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38165

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	43.0		mg/Kg		86	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*77*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-38147/1-A
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38147

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		11/10/25 10:26	11/10/25 11:42	1

Lab Sample ID: LCS 885-38147/2-A
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38147

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.2	49.5		mg/Kg		99	90 - 110		

QC Association Summary

Client: Vertex
Project/Site: Padron

Job ID: 885-37135-1

GC VOA

Prep Batch: 38137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37135-1	BS25-63	Total/NA	Solid	5030C	
885-37135-2	BS25-279	Total/NA	Solid	5030C	
885-37135-3	BS25-437	Total/NA	Solid	5030C	
MB 885-38137/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38137/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38137/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 38282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37135-1	BS25-63	Total/NA	Solid	8015M/D	38137
885-37135-2	BS25-279	Total/NA	Solid	8015M/D	38137
885-37135-3	BS25-437	Total/NA	Solid	8015M/D	38137
MB 885-38137/1-A	Method Blank	Total/NA	Solid	8015M/D	38137
LCS 885-38137/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38137

Analysis Batch: 38283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37135-1	BS25-63	Total/NA	Solid	8021B	38137
885-37135-2	BS25-279	Total/NA	Solid	8021B	38137
885-37135-3	BS25-437	Total/NA	Solid	8021B	38137
MB 885-38137/1-A	Method Blank	Total/NA	Solid	8021B	38137
LCS 885-38137/3-A	Lab Control Sample	Total/NA	Solid	8021B	38137

Analysis Batch: 38355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-38137/1-A	Method Blank	Total/NA	Solid	8021B	38137

GC Semi VOA

Prep Batch: 38165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37135-1	BS25-63	Total/NA	Solid	SHAKE	
885-37135-2	BS25-279	Total/NA	Solid	SHAKE	
885-37135-3	BS25-437	Total/NA	Solid	SHAKE	
MB 885-38165/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38165/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 38179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37135-1	BS25-63	Total/NA	Solid	8015M/D	38165
885-37135-2	BS25-279	Total/NA	Solid	8015M/D	38165
885-37135-3	BS25-437	Total/NA	Solid	8015M/D	38165
MB 885-38165/1-A	Method Blank	Total/NA	Solid	8015M/D	38165
LCS 885-38165/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38165

HPLC/IC

Prep Batch: 38147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37135-1	BS25-63	Total/NA	Solid	300_Prep	
885-37135-2	BS25-279	Total/NA	Solid	300_Prep	
885-37135-3	BS25-437	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex
Project/Site: Padron

Job ID: 885-37135-1

HPLC/IC (Continued)

Prep Batch: 38147 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-38147/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38147/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 38152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37135-1	BS25-63	Total/NA	Solid	300.0	38147
885-37135-2	BS25-279	Total/NA	Solid	300.0	38147
885-37135-3	BS25-437	Total/NA	Solid	300.0	38147
MB 885-38147/1-A	Method Blank	Total/NA	Solid	300.0	38147
LCS 885-38147/2-A	Lab Control Sample	Total/NA	Solid	300.0	38147

Lab Chronicle

Client: Vertex
Project/Site: Padron

Job ID: 885-37135-1

Client Sample ID: BS25-63
Date Collected: 11/04/25 00:00
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37135-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38137	VP	EET ALB	11/10/25 09:08
Total/NA	Analysis	8015M/D		1	38282	VP	EET ALB	11/11/25 21:49
Total/NA	Prep	5030C			38137	VP	EET ALB	11/10/25 09:08
Total/NA	Analysis	8021B		1	38283	VP	EET ALB	11/11/25 21:49
Total/NA	Prep	SHAKE			38165	BV	EET ALB	11/10/25 11:44
Total/NA	Analysis	8015M/D		1	38179	EM	EET ALB	11/10/25 18:45
Total/NA	Prep	300_Prep			38147	JR	EET ALB	11/10/25 10:26
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 15:08

Client Sample ID: BS25-279
Date Collected: 11/04/25 00:00
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37135-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38137	VP	EET ALB	11/10/25 09:08
Total/NA	Analysis	8015M/D		1	38282	VP	EET ALB	11/11/25 22:13
Total/NA	Prep	5030C			38137	VP	EET ALB	11/10/25 09:08
Total/NA	Analysis	8021B		1	38283	VP	EET ALB	11/11/25 22:13
Total/NA	Prep	SHAKE			38165	BV	EET ALB	11/10/25 11:44
Total/NA	Analysis	8015M/D		1	38179	EM	EET ALB	11/10/25 18:56
Total/NA	Prep	300_Prep			38147	JR	EET ALB	11/10/25 10:26
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 15:19

Client Sample ID: BS25-437
Date Collected: 11/04/25 00:00
Date Received: 11/07/25 08:00

Lab Sample ID: 885-37135-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38137	VP	EET ALB	11/10/25 09:08
Total/NA	Analysis	8015M/D		1	38282	VP	EET ALB	11/11/25 22:37
Total/NA	Prep	5030C			38137	VP	EET ALB	11/10/25 09:08
Total/NA	Analysis	8021B		1	38283	VP	EET ALB	11/11/25 22:37
Total/NA	Prep	SHAKE			38165	BV	EET ALB	11/10/25 11:44
Total/NA	Analysis	8015M/D		1	38179	EM	EET ALB	11/10/25 18:33
Total/NA	Prep	300_Prep			38147	JR	EET ALB	11/10/25 10:26
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 15:30

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Padron

Job ID: 885-37135-1

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: 2/19/2026 3:49:38 PM
Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: Vertex/EOG
direct bill EOG
Mailing Address: on file
Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 4 Days
Project Name: Padron
Project #: 25A-03091
Project Manager: Chance Dixon
Sampler: CD
On Ice: ☒ Yes ☐ No
# of Coolers: 1 ice
Cooler Temp(including CF): 1.3 +0.2 = 1.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABOR
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-37135 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		Soil	BS25-103 5' bgs	4oz jar	ice		X	X					X			
11/4/25		"	BS25-279 2' bgs	"	"		"	"					"			
11/4/25		"	BS25-437 2' bgs	"	"		"	"					"			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
			[illegible]		11/6/25	930
11/4/25	1900	[illegible]	[illegible] Jenner		11-7-25	900

Remarks: Bill to EOG ATTN: Chase Settle

Sample depths added by me per Andrew Ludvick 11/18/25

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: 885-37135-1

Login Number: 37135 **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 11/14/2025 11:58:17 AM

JOB DESCRIPTION

Padron AST

JOB NUMBER

885-37191-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/19/2026 3:49:58 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
11/14/2025 11:58:17 AM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Padron AST

Laboratory Job ID: 885-37191-1

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Definitions/Glossary

Client: Vertex Job ID: 885-37191-1
Project/Site: Padron AST

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

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

Case Narrative

Client: Vertex
Project: Padron AST

Job ID: 885-37191-1

Job ID: 885-37191-1 Eurofins Albuquerque

Job Narrative
885-37191-1

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: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-197 2'

Date Collected: 11/06/25 08:02
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-1

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 14:08	11/12/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/10/25 14:08*	*11/12/25 22:58*	*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 14:08	11/12/25 22:58	1
Ethylbenzene	ND		0.048		mg/Kg		11/10/25 14:08	11/12/25 22:58	1
Toluene	ND		0.048		mg/Kg		11/10/25 14:08	11/12/25 22:58	1
Xylenes, Total	ND		0.097		mg/Kg		11/10/25 14:08	11/12/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/10/25 14:08*	*11/12/25 22:58*	*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 16:09	11/11/25 11:10	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 16:09	11/11/25 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/10/25 16:09*	*11/11/25 11:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		49		mg/Kg		11/10/25 14:47	11/10/25 16:46	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-232 2'

Date Collected: 11/06/25 08:05
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-2

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		11/10/25 14:08	11/13/25 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*11/10/25 14:08*	*11/13/25 00:04*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/10/25 14:08	11/13/25 00:04	1
Ethylbenzene	ND		0.049		mg/Kg		11/10/25 14:08	11/13/25 00:04	1
Toluene	ND		0.049		mg/Kg		11/10/25 14:08	11/13/25 00:04	1
Xylenes, Total	ND		0.097		mg/Kg		11/10/25 14:08	11/13/25 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/10/25 14:08*	*11/13/25 00:04*	*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		9.6		mg/Kg		11/10/25 16:09	11/12/25 10:54	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 16:09	11/12/25 10:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*11/10/25 16:09*	*11/12/25 10:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		49		mg/Kg		11/10/25 14:47	11/10/25 17:18	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-311 2'

Date Collected: 11/06/25 08:10
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-3

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		4.7		mg/Kg		11/10/25 14:08	11/13/25 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/10/25 14:08*	*11/13/25 01:09*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/10/25 14:08	11/13/25 01:09	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 01:09	1
Toluene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 01:09	1
Xylenes, Total	ND		0.094		mg/Kg		11/10/25 14:08	11/13/25 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/10/25 14:08*	*11/13/25 01:09*	*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		9.7		mg/Kg		11/10/25 16:09	11/11/25 11:34	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 16:09	11/11/25 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*62*		*62 - 134*	*11/10/25 16:09*	*11/11/25 11:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		49		mg/Kg		11/10/25 14:47	11/10/25 18:13	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-312 2'

Date Collected: 11/06/25 08:13
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-4

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		4.8		mg/Kg		11/10/25 14:08	11/13/25 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/10/25 14:08*	*11/13/25 01:31*	*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 14:08	11/13/25 01:31	1
Ethylbenzene	ND		0.048		mg/Kg		11/10/25 14:08	11/13/25 01:31	1
Toluene	ND		0.048		mg/Kg		11/10/25 14:08	11/13/25 01:31	1
Xylenes, Total	ND		0.095		mg/Kg		11/10/25 14:08	11/13/25 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/10/25 14:08*	*11/13/25 01:31*	*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]	**10**		9.2		mg/Kg		11/10/25 16:09	11/11/25 11:46	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/10/25 16:09	11/11/25 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*65*		*62 - 134*	*11/10/25 16:09*	*11/11/25 11:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		50		mg/Kg		11/10/25 14:47	11/10/25 18:23	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-324 2'

Date Collected: 11/06/25 08:18
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-5

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 14:08	11/13/25 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*11/10/25 14:08*	*11/13/25 01:53*	*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 14:08	11/13/25 01:53	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 01:53	1
Toluene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 01:53	1
Xylenes, Total	ND		0.095		mg/Kg		11/10/25 14:08	11/13/25 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/10/25 14:08*	*11/13/25 01:53*	*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 16:09	11/12/25 11:18	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 16:09	11/12/25 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*77*		*62 - 134*	*11/10/25 16:09*	*11/12/25 11:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71**		51		mg/Kg		11/10/25 14:47	11/10/25 18:34	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-325 2'

Date Collected: 11/06/25 08:20
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-6

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		4.8		mg/Kg		11/10/25 14:08	11/13/25 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/10/25 14:08*	*11/13/25 02:14*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/10/25 14:08	11/13/25 02:14	1
Ethylbenzene	ND		0.048		mg/Kg		11/10/25 14:08	11/13/25 02:14	1
Toluene	ND		0.048		mg/Kg		11/10/25 14:08	11/13/25 02:14	1
Xylenes, Total	ND		0.096		mg/Kg		11/10/25 14:08	11/13/25 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/10/25 14:08*	*11/13/25 02:14*	*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		9.8		mg/Kg		11/10/25 16:09	11/11/25 12:09	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 16:09	11/11/25 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*73*		*62 - 134*	*11/10/25 16:09*	*11/11/25 12:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**400**		49		mg/Kg		11/10/25 14:47	11/10/25 18:45	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-326 2'

Date Collected: 11/06/25 08:23
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-7

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		4.6		mg/Kg		11/10/25 14:08	11/13/25 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/10/25 14:08*	*11/13/25 02:36*	*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 14:08	11/13/25 02:36	1
Ethylbenzene	ND		0.046		mg/Kg		11/10/25 14:08	11/13/25 02:36	1
Toluene	ND		0.046		mg/Kg		11/10/25 14:08	11/13/25 02:36	1
Xylenes, Total	ND		0.092		mg/Kg		11/10/25 14:08	11/13/25 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/10/25 14:08*	*11/13/25 02:36*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		11/10/25 16:09	11/11/25 12:21	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 16:09	11/11/25 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*69*		*62 - 134*	*11/10/25 16:09*	*11/11/25 12:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		11/10/25 14:47	11/10/25 18:56	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-327 2'

Date Collected: 11/06/25 08:25
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-8

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		4.7		mg/Kg		11/10/25 14:08	11/13/25 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/10/25 14:08*	*11/13/25 02:58*	*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 14:08	11/13/25 02:58	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 02:58	1
Toluene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 02:58	1
Xylenes, Total	ND		0.095		mg/Kg		11/10/25 14:08	11/13/25 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/10/25 14:08*	*11/13/25 02:58*	*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 16:09	11/11/25 12:33	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 16:09	11/11/25 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*68*		*62 - 134*	*11/10/25 16:09*	*11/11/25 12:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		11/10/25 14:47	11/10/25 19:07	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-328 2'

Date Collected: 11/06/25 08:28
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-9

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		4.9		mg/Kg		11/10/25 14:08	11/13/25 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/10/25 14:08*	*11/13/25 03:19*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/10/25 14:08	11/13/25 03:19	1
Ethylbenzene	ND		0.049		mg/Kg		11/10/25 14:08	11/13/25 03:19	1
Toluene	ND		0.049		mg/Kg		11/10/25 14:08	11/13/25 03:19	1
Xylenes, Total	ND		0.099		mg/Kg		11/10/25 14:08	11/13/25 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/10/25 14:08*	*11/13/25 03:19*	*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		9.8		mg/Kg		11/10/25 16:09	11/11/25 12:56	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/10/25 16:09	11/11/25 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*75*		*62 - 134*	*11/10/25 16:09*	*11/11/25 12:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82**		50		mg/Kg		11/10/25 14:47	11/10/25 19:18	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-330 2'

Date Collected: 11/06/25 08:30
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-10

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		5.0		mg/Kg		11/10/25 14:08	11/13/25 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/10/25 14:08*	*11/13/25 03:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/10/25 14:08	11/13/25 03:41	1
Ethylbenzene	ND		0.050		mg/Kg		11/10/25 14:08	11/13/25 03:41	1
Toluene	ND		0.050		mg/Kg		11/10/25 14:08	11/13/25 03:41	1
Xylenes, Total	ND		0.099		mg/Kg		11/10/25 14:08	11/13/25 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/10/25 14:08*	*11/13/25 03:41*	*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 16:09	11/11/25 13:08	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 16:09	11/11/25 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*	*11/10/25 16:09*	*11/11/25 13:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78**		50		mg/Kg		11/10/25 14:47	11/10/25 19:29	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-340 2'

Date Collected: 11/06/25 08:35
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-11

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		11/10/25 14:08	11/13/25 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/10/25 14:08*	*11/13/25 04:25*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/10/25 14:08	11/13/25 04:25	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 04:25	1
Toluene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 04:25	1
Xylenes, Total	ND		0.093		mg/Kg		11/10/25 14:08	11/13/25 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/10/25 14:08*	*11/13/25 04:25*	*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		9.7		mg/Kg		11/10/25 16:09	11/11/25 13:20	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 16:09	11/11/25 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*	*11/10/25 16:09*	*11/11/25 13:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		50		mg/Kg		11/10/25 14:47	11/10/25 19:39	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-341 2'

Date Collected: 11/06/25 08:40
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-12

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		4.7		mg/Kg		11/10/25 14:08	11/13/25 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/10/25 14:08*	*11/13/25 04:47*	*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 14:08	11/13/25 04:47	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 04:47	1
Toluene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 04:47	1
Xylenes, Total	ND		0.094		mg/Kg		11/10/25 14:08	11/13/25 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/10/25 14:08*	*11/13/25 04:47*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		11/10/25 16:09	11/11/25 13:32	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 16:09	11/11/25 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*70*		*62 - 134*	*11/10/25 16:09*	*11/11/25 13:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**310**		49		mg/Kg		11/10/25 14:47	11/10/25 19:50	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-342 2'

Date Collected: 11/06/25 08:45
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-13

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		11/10/25 14:08	11/13/25 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*11/10/25 14:08*	*11/13/25 05:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/10/25 14:08	11/13/25 05:08	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 05:08	1
Toluene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 05:08	1
Xylenes, Total	ND		0.094		mg/Kg		11/10/25 14:08	11/13/25 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*11/10/25 14:08*	*11/13/25 05:08*	*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		9.3		mg/Kg		11/10/25 16:09	11/11/25 13:44	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/10/25 16:09	11/11/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*77*		*62 - 134*	*11/10/25 16:09*	*11/11/25 13:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		51		mg/Kg		11/10/25 14:47	11/10/25 20:23	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-348 2'

Date Collected: 11/06/25 08:50
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-14

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		4.7		mg/Kg		11/10/25 14:08	11/13/25 05:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*11/10/25 14:08*	*11/13/25 05:30*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/10/25 14:08	11/13/25 05:30	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 05:30	1
Toluene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 05:30	1
Xylenes, Total	ND		0.094		mg/Kg		11/10/25 14:08	11/13/25 05:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/10/25 14:08*	*11/13/25 05:30*	*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 16:09	11/11/25 13:56	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 16:09	11/11/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*72*		*62 - 134*	*11/10/25 16:09*	*11/11/25 13:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		11/10/25 14:47	11/10/25 20:34	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-357 2'

Date Collected: 11/06/25 08:53
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-15

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		4.7		mg/Kg		11/10/25 14:08	11/13/25 05:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/10/25 14:08*	*11/13/25 05:52*	*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 14:08	11/13/25 05:52	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 05:52	1
Toluene	ND		0.047		mg/Kg		11/10/25 14:08	11/13/25 05:52	1
Xylenes, Total	ND		0.095		mg/Kg		11/10/25 14:08	11/13/25 05:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/10/25 14:08*	*11/13/25 05:52*	*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		9.9		mg/Kg		11/10/25 16:09	11/11/25 14:07	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/10/25 16:09	11/11/25 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*67*		*62 - 134*	*11/10/25 16:09*	*11/11/25 14:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		49		mg/Kg		11/10/25 14:47	11/10/25 20:45	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-358 2'

Date Collected: 11/06/25 08:55
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-16

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		4.8		mg/Kg		11/10/25 14:08	11/13/25 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/10/25 14:08*	*11/13/25 06:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/10/25 14:08	11/13/25 06:13	1
Ethylbenzene	ND		0.048		mg/Kg		11/10/25 14:08	11/13/25 06:13	1
Toluene	ND		0.048		mg/Kg		11/10/25 14:08	11/13/25 06:13	1
Xylenes, Total	ND		0.096		mg/Kg		11/10/25 14:08	11/13/25 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/10/25 14:08*	*11/13/25 06:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		11/10/25 16:09	11/11/25 14:19	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 16:09	11/11/25 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*72*		*62 - 134*	*11/10/25 16:09*	*11/11/25 14:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**480**		49		mg/Kg		11/10/25 14:47	11/10/25 20:55	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: BS25-398 2'

Date Collected: 11/06/25 09:15
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-17

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		4.6		mg/Kg		11/10/25 14:08	11/13/25 06:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*11/10/25 14:08*	*11/13/25 06:35*	*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 14:08	11/13/25 06:35	1
Ethylbenzene	ND		0.046		mg/Kg		11/10/25 14:08	11/13/25 06:35	1
Toluene	ND		0.046		mg/Kg		11/10/25 14:08	11/13/25 06:35	1
Xylenes, Total	ND		0.092		mg/Kg		11/10/25 14:08	11/13/25 06:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*11/10/25 14:08*	*11/13/25 06:35*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		11/10/25 16:09	11/11/25 14:31	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 16:09	11/11/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*72*		*62 - 134*	*11/10/25 16:09*	*11/11/25 14:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58**		50		mg/Kg		11/10/25 14:47	11/10/25 21:06	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-35 1-3'

Date Collected: 11/06/25 09:30
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-18

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		5.0		mg/Kg		11/10/25 14:08	11/13/25 06:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/10/25 14:08*	*11/13/25 06:57*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/10/25 14:08	11/13/25 06:57	1
Ethylbenzene	ND		0.050		mg/Kg		11/10/25 14:08	11/13/25 06:57	1
Toluene	ND		0.050		mg/Kg		11/10/25 14:08	11/13/25 06:57	1
Xylenes, Total	ND		0.099		mg/Kg		11/10/25 14:08	11/13/25 06:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*11/10/25 14:08*	*11/13/25 06:57*	*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 16:09	11/12/25 11:41	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 16:09	11/12/25 11:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*11/10/25 16:09*	*11/12/25 11:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		51		mg/Kg		11/10/25 14:47	11/10/25 21:17	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-36 2-4'

Date Collected: 11/06/25 09:35
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-19

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		4.6		mg/Kg		11/10/25 14:08	11/13/25 07:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*11/10/25 14:08*	*11/13/25 07:18*	*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 14:08	11/13/25 07:18	1
Ethylbenzene	ND		0.046		mg/Kg		11/10/25 14:08	11/13/25 07:18	1
Toluene	ND		0.046		mg/Kg		11/10/25 14:08	11/13/25 07:18	1
Xylenes, Total	ND		0.093		mg/Kg		11/10/25 14:08	11/13/25 07:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/10/25 14:08*	*11/13/25 07:18*	*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		9.6		mg/Kg		11/10/25 16:09	11/11/25 15:06	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/10/25 16:09	11/11/25 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*62*		*62 - 134*	*11/10/25 16:09*	*11/11/25 15:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**55**		50		mg/Kg		11/10/25 14:47	11/10/25 21:28	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-37 1-4'

Date Collected: 11/06/25 09:40
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-20

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		4.8		mg/Kg		11/10/25 14:08	11/13/25 07:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*11/10/25 14:08*	*11/13/25 07:40*	*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 14:08	11/13/25 07:40	1
Ethylbenzene	ND		0.048		mg/Kg		11/10/25 14:08	11/13/25 07:40	1
Toluene	ND		0.048		mg/Kg		11/10/25 14:08	11/13/25 07:40	1
Xylenes, Total	ND		0.096		mg/Kg		11/10/25 14:08	11/13/25 07:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*11/10/25 14:08*	*11/13/25 07:40*	*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		9.5		mg/Kg		11/10/25 16:09	11/11/25 15:18	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/10/25 16:09	11/11/25 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*65*		*62 - 134*	*11/10/25 16:09*	*11/11/25 15:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		49		mg/Kg		11/10/25 14:47	11/10/25 21:39	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-38 1-4'

Date Collected: 11/06/25 09:45
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-21

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		4.7		mg/Kg		11/10/25 17:07	11/12/25 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/10/25 17:07*	*11/12/25 18:31*	*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	11/12/25 18:31	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 17:07	11/12/25 18:31	1
Toluene	ND		0.047		mg/Kg		11/10/25 17:07	11/12/25 18:31	1
Xylenes, Total	ND		0.094		mg/Kg		11/10/25 17:07	11/12/25 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 17:07*	*11/12/25 18:31*	*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		11/11/25 09:41	11/11/25 16:29	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/11/25 09:41	11/11/25 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*68*		*62 - 134*	*11/11/25 09:41*	*11/11/25 16:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		51		mg/Kg		11/11/25 06:44	11/11/25 10:44	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-40 1-4'

Date Collected: 11/06/25 09:50
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-22

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		4.8		mg/Kg		11/10/25 17:07	11/12/25 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/10/25 17:07*	*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		11/10/25 17:07	11/12/25 19:42	1
Ethylbenzene	ND		0.048		mg/Kg		11/10/25 17:07	11/12/25 19:42	1
Toluene	ND		0.048		mg/Kg		11/10/25 17:07	11/12/25 19:42	1
Xylenes, Total	ND		0.096		mg/Kg		11/10/25 17:07	11/12/25 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 17:07*	*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		11/11/25 09:41	11/11/25 16:41	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/11/25 09:41	11/11/25 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*70*		*62 - 134*	*11/11/25 09:41*	*11/11/25 16:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		11/11/25 06:44	11/11/25 10:54	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-41 1-4'

Date Collected: 11/06/25 09:55
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-23

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		4.7		mg/Kg		11/10/25 17:07	11/12/25 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/10/25 17:07*	*11/12/25 20:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/10/25 17:07	11/12/25 20:54	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 17:07	11/12/25 20:54	1
Toluene	ND		0.047		mg/Kg		11/10/25 17:07	11/12/25 20:54	1
Xylenes, Total	ND		0.094		mg/Kg		11/10/25 17:07	11/12/25 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 17:07*	*11/12/25 20:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		11/11/25 09:41	11/11/25 16:53	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/11/25 09:41	11/11/25 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*71*		*62 - 134*	*11/11/25 09:41*	*11/11/25 16:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		11/11/25 06:44	11/11/25 11:05	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-42 1-2'

Date Collected: 11/06/25 10:15
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-24

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		4.7		mg/Kg		11/10/25 17:07	11/12/25 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*15 - 150*	*11/10/25 17:07*	*11/12/25 21:18*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/10/25 17:07	11/12/25 21:18	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 17:07	11/12/25 21:18	1
Toluene	ND		0.047		mg/Kg		11/10/25 17:07	11/12/25 21:18	1
Xylenes, Total	ND		0.094		mg/Kg		11/10/25 17:07	11/12/25 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/10/25 17:07*	*11/12/25 21:18*	*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		9.6		mg/Kg		11/11/25 09:41	11/11/25 17:05	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/11/25 09:41	11/11/25 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*72*		*62 - 134*	*11/11/25 09:41*	*11/11/25 17:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73**		49		mg/Kg		11/11/25 06:44	11/11/25 11:15	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-44 1-2'

Date Collected: 11/06/25 10:25
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-25

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		4.7		mg/Kg		11/10/25 17:07	11/12/25 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 17:07*	*11/12/25 21:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/10/25 17:07	11/12/25 21:41	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 17:07	11/12/25 21:41	1
Toluene	ND		0.047		mg/Kg		11/10/25 17:07	11/12/25 21:41	1
Xylenes, Total	ND		0.094		mg/Kg		11/10/25 17:07	11/12/25 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/10/25 17:07*	*11/12/25 21:41*	*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		11/11/25 09:41	11/11/25 17:16	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/11/25 09:41	11/11/25 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*75*		*62 - 134*	*11/11/25 09:41*	*11/11/25 17:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49		mg/Kg		11/11/25 06:44	11/11/25 11:25	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-45 1-2'

Date Collected: 11/06/25 10:30
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-26

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		4.7		mg/Kg		11/10/25 17:07	11/12/25 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/10/25 17:07*	*11/12/25 22:05*	*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	11/12/25 22:05	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 17:07	11/12/25 22:05	1
Toluene	ND		0.047		mg/Kg		11/10/25 17:07	11/12/25 22:05	1
Xylenes, Total	ND		0.095		mg/Kg		11/10/25 17:07	11/12/25 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/10/25 17:07*	*11/12/25 22:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		11/11/25 09:41	11/11/25 17:28	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/11/25 09:41	11/11/25 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*77*		*62 - 134*	*11/11/25 09:41*	*11/11/25 17:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		50		mg/Kg		11/11/25 06:44	11/11/25 11:56	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-46 1-2'

Date Collected: 11/06/25 10:35
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-27

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		11/10/25 17:07	11/12/25 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*15 - 150*	*11/10/25 17:07*	*11/12/25 22:29*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/10/25 17:07	11/12/25 22:29	1
Ethylbenzene	ND		0.048		mg/Kg		11/10/25 17:07	11/12/25 22:29	1
Toluene	ND		0.048		mg/Kg		11/10/25 17:07	11/12/25 22:29	1
Xylenes, Total	ND		0.097		mg/Kg		11/10/25 17:07	11/12/25 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*15 - 150*	*11/10/25 17:07*	*11/12/25 22:29*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		11/11/25 09:41	11/11/25 17:40	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/11/25 09:41	11/11/25 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*75*		*62 - 134*	*11/11/25 09:41*	*11/11/25 17:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		11/11/25 06:44	11/11/25 12:07	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-47 1-2'

Date Collected: 11/06/25 10:45
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-28

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		4.6		mg/Kg		11/10/25 17:07	11/12/25 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/10/25 17:07*	*11/12/25 22:53*	*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	11/12/25 22:53	1
Ethylbenzene	ND		0.046		mg/Kg		11/10/25 17:07	11/12/25 22:53	1
Toluene	ND		0.046		mg/Kg		11/10/25 17:07	11/12/25 22:53	1
Xylenes, Total	ND		0.092		mg/Kg		11/10/25 17:07	11/12/25 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/10/25 17:07*	*11/12/25 22:53*	*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 17:52	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/11/25 09:41	11/11/25 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*76*		*62 - 134*	*11/11/25 09:41*	*11/11/25 17:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98**		49		mg/Kg		11/11/25 06:44	11/11/25 12:17	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-48 1-2'

Date Collected: 11/06/25 10:50
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-29

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		4.6		mg/Kg		11/10/25 17:07	11/12/25 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*15 - 150*	*11/10/25 17:07*	*11/12/25 23:40*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/10/25 17:07	11/12/25 23:40	1
Ethylbenzene	ND		0.046		mg/Kg		11/10/25 17:07	11/12/25 23:40	1
Toluene	ND		0.046		mg/Kg		11/10/25 17:07	11/12/25 23:40	1
Xylenes, Total	ND		0.092		mg/Kg		11/10/25 17:07	11/12/25 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/10/25 17:07*	*11/12/25 23:40*	*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		9.1		mg/Kg		11/11/25 09:41	11/11/25 18:15	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/11/25 09:41	11/11/25 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*	*11/11/25 09:41*	*11/11/25 18:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		11/11/25 06:44	11/11/25 12:27	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-49 1-2'

Date Collected: 11/06/25 10:55
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-30

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		4.7		mg/Kg		11/10/25 17:07	11/13/25 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/10/25 17:07*	*11/13/25 00:04*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/10/25 17:07	11/13/25 00:04	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 17:07	11/13/25 00:04	1
Toluene	ND		0.047		mg/Kg		11/10/25 17:07	11/13/25 00:04	1
Xylenes, Total	ND		0.094		mg/Kg		11/10/25 17:07	11/13/25 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 17:07*	*11/13/25 00:04*	*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		9.1		mg/Kg		11/11/25 09:41	11/11/25 18:27	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/11/25 09:41	11/11/25 18:27	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 18:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		11/11/25 06:44	11/11/25 12:38	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-50 1-2'

Date Collected: 11/06/25 11:00
Date Received: 11/08/25 08:00

Lab Sample ID: 885-37191-31

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		4.7		mg/Kg		11/10/25 17:07	11/13/25 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/10/25 17:07*	*11/13/25 00:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/10/25 17:07	11/13/25 00:28	1
Ethylbenzene	ND		0.047		mg/Kg		11/10/25 17:07	11/13/25 00:28	1
Toluene	ND		0.047		mg/Kg		11/10/25 17:07	11/13/25 00:28	1
Xylenes, Total	ND		0.094		mg/Kg		11/10/25 17:07	11/13/25 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/10/25 17:07*	*11/13/25 00:28*	*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		9.4		mg/Kg		11/11/25 09:41	11/11/25 18:39	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/11/25 09:41	11/11/25 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*	*11/11/25 09:41*	*11/11/25 18:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		11/11/25 06:44	11/11/25 12:48	10

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

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

Lab Sample ID: MB 885-38181/1-A
Matrix: Solid
Analysis Batch: 38369

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38181

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 14:08	11/12/25 22:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*11/10/25 14:08*	*11/12/25 22:37*	*1*

Lab Sample ID: LCS 885-38181/2-A
Matrix: Solid
Analysis Batch: 38369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38181

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	22.8		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*194*		*15 - 150*

Lab Sample ID: 885-37191-1 MS
Matrix: Solid
Analysis Batch: 38369

Client Sample ID: BS25-197 2'
Prep Type: Total/NA
Prep Batch: 38181

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		24.3	23.9		mg/Kg		99	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*208*		*15 - 150*

Lab Sample ID: 885-37191-1 MSD
Matrix: Solid
Analysis Batch: 38369

Client Sample ID: BS25-197 2'
Prep Type: Total/NA
Prep Batch: 38181

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		23.9	23.3		mg/Kg		97	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*201*		*15 - 150*

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*

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

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

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*

Lab Sample ID: 885-37191-21 MS
Matrix: Solid
Analysis Batch: 38354

Client Sample ID: WS25-38 1-4'
Prep Type: Total/NA
Prep Batch: 38211

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		23.5	26.2		mg/Kg		111	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*222*		*15 - 150*

Lab Sample ID: 885-37191-21 MSD
Matrix: Solid
Analysis Batch: 38354

Client Sample ID: WS25-38 1-4'
Prep Type: Total/NA
Prep Batch: 38211

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		23.3	23.0		mg/Kg		98	70 - 130	13	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*219*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-38181/1-A
Matrix: Solid
Analysis Batch: 38368

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38181

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/10/25 14:08	11/12/25 22:37	1
Ethylbenzene	ND		0.050		mg/Kg		11/10/25 14:08	11/12/25 22:37	1
Toluene	ND		0.050		mg/Kg		11/10/25 14:08	11/12/25 22:37	1
Xylenes, Total	ND		0.10		mg/Kg		11/10/25 14:08	11/12/25 22:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*11/10/25 14:08*	*11/12/25 22:37*	*1*

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

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

Lab Sample ID: LCS 885-38181/3-A
Matrix: Solid
Analysis Batch: 38368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38181

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.926		mg/Kg		93	70 - 130		
Ethylbenzene			1.00	0.935		mg/Kg		94	70 - 130		
Toluene			1.00	0.919		mg/Kg		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*

Lab Sample ID: 885-37191-2 MS
Matrix: Solid
Analysis Batch: 38368

Client Sample ID: BS25-232 2'
Prep Type: Total/NA
Prep Batch: 38181

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.974	1.03		mg/Kg		106	70 - 130		
Ethylbenzene	ND		0.974	1.05		mg/Kg		108	70 - 130		
Toluene	ND		0.974	1.04		mg/Kg		107	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*

Lab Sample ID: 885-37191-2 MSD
Matrix: Solid
Analysis Batch: 38368

Client Sample ID: BS25-232 2'
Prep Type: Total/NA
Prep Batch: 38181

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.975	1.00		mg/Kg		103	70 - 130	2	20
Ethylbenzene	ND		0.975	1.04		mg/Kg		107	70 - 130	1	20
Toluene	ND		0.975	1.02		mg/Kg		105	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*

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*

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

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

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*

Lab Sample ID: 885-37191-22 MS
Matrix: Solid
Analysis Batch: 38355

Client Sample ID: WS25-40 1-4'
Prep Type: Total/NA
Prep Batch: 38211

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.962	0.924		mg/Kg		96	70 - 130		
Ethylbenzene	ND		0.962	0.967		mg/Kg		100	70 - 130		
Toluene	ND		0.962	0.943		mg/Kg		98	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*15 - 150*

Lab Sample ID: 885-37191-22 MSD
Matrix: Solid
Analysis Batch: 38355

Client Sample ID: WS25-40 1-4'
Prep Type: Total/NA
Prep Batch: 38211

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.947	0.901		mg/Kg		95	70 - 130	3	20
Ethylbenzene	ND		0.947	0.950		mg/Kg		100	70 - 130	2	20
Toluene	ND		0.947	0.937		mg/Kg		99	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*15 - 150*

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

Lab Sample ID: MB 885-38199/1-A
Matrix: Solid
Analysis Batch: 38228

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38199

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		11/10/25 16:09	11/11/25 10:47	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/10/25 16:09	11/11/25 10:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*11/10/25 16:09*	*11/11/25 10:47*	*1*

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

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

Lab Sample ID: LCS 885-38199/2-A
Matrix: Solid
Analysis Batch: 38228

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38199

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	41.2		mg/Kg		82	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*

Lab Sample ID: 885-37191-20 MS
Matrix: Solid
Analysis Batch: 38228

Client Sample ID: WS25-37 1-4'
Prep Type: Total/NA
Prep Batch: 38199

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		48.6	45.2		mg/Kg		93	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*58*	*S1-*	*62 - 134*

Lab Sample ID: 885-37191-20 MSD
Matrix: Solid
Analysis Batch: 38228

Client Sample ID: WS25-37 1-4'
Prep Type: Total/NA
Prep Batch: 38199

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		48.5	52.0		mg/Kg		107	44 - 136	14	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*56*	*S1-*	*62 - 134*

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		

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

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

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	67		62 - 134

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-38187/1-A
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38187

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		4.9		mg/Kg		11/10/25 14:47	11/10/25 16:24	1

Lab Sample ID: LCS 885-38187/2-A
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38187

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	49.3		mg/Kg		99	90 - 110		

Lab Sample ID: 885-37191-1 MS
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: BS25-197 2'
Prep Type: Total/NA
Prep Batch: 38187

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	110		49.3	155		mg/Kg		92	50 - 150		

Lab Sample ID: 885-37191-1 MSD
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: BS25-197 2'
Prep Type: Total/NA
Prep Batch: 38187

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	110		50.8	157		mg/Kg		94	50 - 150	2	20

Lab Sample ID: 885-37191-2 MS
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: BS25-232 2'
Prep Type: Total/NA
Prep Batch: 38187

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	130		50.0	172		mg/Kg		90	50 - 150		

Lab Sample ID: 885-37191-2 MSD
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: BS25-232 2'
Prep Type: Total/NA
Prep Batch: 38187

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	130		50.8	175		mg/Kg		94	50 - 150	2	20

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

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
Project/Site: Padron AST

Job ID: 885-37191-1

GC VOA

Prep Batch: 38181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-1	BS25-197 2'	Total/NA	Solid	5030C	
885-37191-2	BS25-232 2'	Total/NA	Solid	5030C	
885-37191-3	BS25-311 2'	Total/NA	Solid	5030C	
885-37191-4	BS25-312 2'	Total/NA	Solid	5030C	
885-37191-5	BS25-324 2'	Total/NA	Solid	5030C	
885-37191-6	BS25-325 2'	Total/NA	Solid	5030C	
885-37191-7	BS25-326 2'	Total/NA	Solid	5030C	
885-37191-8	BS25-327 2'	Total/NA	Solid	5030C	
885-37191-9	BS25-328 2'	Total/NA	Solid	5030C	
885-37191-10	BS25-330 2'	Total/NA	Solid	5030C	
885-37191-11	BS25-340 2'	Total/NA	Solid	5030C	
885-37191-12	BS25-341 2'	Total/NA	Solid	5030C	
885-37191-13	BS25-342 2'	Total/NA	Solid	5030C	
885-37191-14	BS25-348 2'	Total/NA	Solid	5030C	
885-37191-15	BS25-357 2'	Total/NA	Solid	5030C	
885-37191-16	BS25-358 2'	Total/NA	Solid	5030C	
885-37191-17	BS25-398 2'	Total/NA	Solid	5030C	
885-37191-18	WS25-35 1-3'	Total/NA	Solid	5030C	
885-37191-19	WS25-36 2-4'	Total/NA	Solid	5030C	
885-37191-20	WS25-37 1-4'	Total/NA	Solid	5030C	
MB 885-38181/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38181/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38181/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-37191-1 MS	BS25-197 2'	Total/NA	Solid	5030C	
885-37191-1 MSD	BS25-197 2'	Total/NA	Solid	5030C	
885-37191-2 MS	BS25-232 2'	Total/NA	Solid	5030C	
885-37191-2 MSD	BS25-232 2'	Total/NA	Solid	5030C	

Prep Batch: 38211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-21	WS25-38 1-4'	Total/NA	Solid	5030C	
885-37191-22	WS25-40 1-4'	Total/NA	Solid	5030C	
885-37191-23	WS25-41 1-4'	Total/NA	Solid	5030C	
885-37191-24	WS25-42 1-2'	Total/NA	Solid	5030C	
885-37191-25	WS25-44 1-2'	Total/NA	Solid	5030C	
885-37191-26	WS25-45 1-2'	Total/NA	Solid	5030C	
885-37191-27	WS25-46 1-2'	Total/NA	Solid	5030C	
885-37191-28	WS25-47 1-2'	Total/NA	Solid	5030C	
885-37191-29	WS25-48 1-2'	Total/NA	Solid	5030C	
885-37191-30	WS25-49 1-2'	Total/NA	Solid	5030C	
885-37191-31	WS25-50 1-2'	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	
885-37191-21 MS	WS25-38 1-4'	Total/NA	Solid	5030C	
885-37191-21 MSD	WS25-38 1-4'	Total/NA	Solid	5030C	
885-37191-22 MS	WS25-40 1-4'	Total/NA	Solid	5030C	
885-37191-22 MSD	WS25-40 1-4'	Total/NA	Solid	5030C	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

GC VOA

Analysis Batch: 38354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-21	WS25-38 1-4'	Total/NA	Solid	8015M/D	38211
885-37191-22	WS25-40 1-4'	Total/NA	Solid	8015M/D	38211
885-37191-23	WS25-41 1-4'	Total/NA	Solid	8015M/D	38211
885-37191-24	WS25-42 1-2'	Total/NA	Solid	8015M/D	38211
885-37191-25	WS25-44 1-2'	Total/NA	Solid	8015M/D	38211
885-37191-26	WS25-45 1-2'	Total/NA	Solid	8015M/D	38211
885-37191-27	WS25-46 1-2'	Total/NA	Solid	8015M/D	38211
885-37191-28	WS25-47 1-2'	Total/NA	Solid	8015M/D	38211
885-37191-29	WS25-48 1-2'	Total/NA	Solid	8015M/D	38211
885-37191-30	WS25-49 1-2'	Total/NA	Solid	8015M/D	38211
885-37191-31	WS25-50 1-2'	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
885-37191-21 MS	WS25-38 1-4'	Total/NA	Solid	8015M/D	38211
885-37191-21 MSD	WS25-38 1-4'	Total/NA	Solid	8015M/D	38211

Analysis Batch: 38355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-21	WS25-38 1-4'	Total/NA	Solid	8021B	38211
885-37191-22	WS25-40 1-4'	Total/NA	Solid	8021B	38211
885-37191-23	WS25-41 1-4'	Total/NA	Solid	8021B	38211
885-37191-24	WS25-42 1-2'	Total/NA	Solid	8021B	38211
885-37191-25	WS25-44 1-2'	Total/NA	Solid	8021B	38211
885-37191-26	WS25-45 1-2'	Total/NA	Solid	8021B	38211
885-37191-27	WS25-46 1-2'	Total/NA	Solid	8021B	38211
885-37191-28	WS25-47 1-2'	Total/NA	Solid	8021B	38211
885-37191-29	WS25-48 1-2'	Total/NA	Solid	8021B	38211
885-37191-30	WS25-49 1-2'	Total/NA	Solid	8021B	38211
885-37191-31	WS25-50 1-2'	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
885-37191-22 MS	WS25-40 1-4'	Total/NA	Solid	8021B	38211
885-37191-22 MSD	WS25-40 1-4'	Total/NA	Solid	8021B	38211

Analysis Batch: 38368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-1	BS25-197 2'	Total/NA	Solid	8021B	38181
885-37191-2	BS25-232 2'	Total/NA	Solid	8021B	38181
885-37191-3	BS25-311 2'	Total/NA	Solid	8021B	38181
885-37191-4	BS25-312 2'	Total/NA	Solid	8021B	38181
885-37191-5	BS25-324 2'	Total/NA	Solid	8021B	38181
885-37191-6	BS25-325 2'	Total/NA	Solid	8021B	38181
885-37191-7	BS25-326 2'	Total/NA	Solid	8021B	38181
885-37191-8	BS25-327 2'	Total/NA	Solid	8021B	38181
885-37191-9	BS25-328 2'	Total/NA	Solid	8021B	38181
885-37191-10	BS25-330 2'	Total/NA	Solid	8021B	38181
885-37191-11	BS25-340 2'	Total/NA	Solid	8021B	38181
885-37191-12	BS25-341 2'	Total/NA	Solid	8021B	38181
885-37191-13	BS25-342 2'	Total/NA	Solid	8021B	38181
885-37191-14	BS25-348 2'	Total/NA	Solid	8021B	38181
885-37191-15	BS25-357 2'	Total/NA	Solid	8021B	38181

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

GC VOA (Continued)

Analysis Batch: 38368 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-16	BS25-358 2'	Total/NA	Solid	8021B	38181
885-37191-17	BS25-398 2'	Total/NA	Solid	8021B	38181
885-37191-18	WS25-35 1-3'	Total/NA	Solid	8021B	38181
885-37191-19	WS25-36 2-4'	Total/NA	Solid	8021B	38181
885-37191-20	WS25-37 1-4'	Total/NA	Solid	8021B	38181
MB 885-38181/1-A	Method Blank	Total/NA	Solid	8021B	38181
LCS 885-38181/3-A	Lab Control Sample	Total/NA	Solid	8021B	38181
885-37191-2 MS	BS25-232 2'	Total/NA	Solid	8021B	38181
885-37191-2 MSD	BS25-232 2'	Total/NA	Solid	8021B	38181

Analysis Batch: 38369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-1	BS25-197 2'	Total/NA	Solid	8015M/D	38181
885-37191-2	BS25-232 2'	Total/NA	Solid	8015M/D	38181
885-37191-3	BS25-311 2'	Total/NA	Solid	8015M/D	38181
885-37191-4	BS25-312 2'	Total/NA	Solid	8015M/D	38181
885-37191-5	BS25-324 2'	Total/NA	Solid	8015M/D	38181
885-37191-6	BS25-325 2'	Total/NA	Solid	8015M/D	38181
885-37191-7	BS25-326 2'	Total/NA	Solid	8015M/D	38181
885-37191-8	BS25-327 2'	Total/NA	Solid	8015M/D	38181
885-37191-9	BS25-328 2'	Total/NA	Solid	8015M/D	38181
885-37191-10	BS25-330 2'	Total/NA	Solid	8015M/D	38181
885-37191-11	BS25-340 2'	Total/NA	Solid	8015M/D	38181
885-37191-12	BS25-341 2'	Total/NA	Solid	8015M/D	38181
885-37191-13	BS25-342 2'	Total/NA	Solid	8015M/D	38181
885-37191-14	BS25-348 2'	Total/NA	Solid	8015M/D	38181
885-37191-15	BS25-357 2'	Total/NA	Solid	8015M/D	38181
885-37191-16	BS25-358 2'	Total/NA	Solid	8015M/D	38181
885-37191-17	BS25-398 2'	Total/NA	Solid	8015M/D	38181
885-37191-18	WS25-35 1-3'	Total/NA	Solid	8015M/D	38181
885-37191-19	WS25-36 2-4'	Total/NA	Solid	8015M/D	38181
885-37191-20	WS25-37 1-4'	Total/NA	Solid	8015M/D	38181
MB 885-38181/1-A	Method Blank	Total/NA	Solid	8015M/D	38181
LCS 885-38181/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38181
885-37191-1 MS	BS25-197 2'	Total/NA	Solid	8015M/D	38181
885-37191-1 MSD	BS25-197 2'	Total/NA	Solid	8015M/D	38181

GC Semi VOA

Prep Batch: 38199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-1	BS25-197 2'	Total/NA	Solid	SHAKE	
885-37191-2	BS25-232 2'	Total/NA	Solid	SHAKE	
885-37191-3	BS25-311 2'	Total/NA	Solid	SHAKE	
885-37191-4	BS25-312 2'	Total/NA	Solid	SHAKE	
885-37191-5	BS25-324 2'	Total/NA	Solid	SHAKE	
885-37191-6	BS25-325 2'	Total/NA	Solid	SHAKE	
885-37191-7	BS25-326 2'	Total/NA	Solid	SHAKE	
885-37191-8	BS25-327 2'	Total/NA	Solid	SHAKE	
885-37191-9	BS25-328 2'	Total/NA	Solid	SHAKE	
885-37191-10	BS25-330 2'	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

GC Semi VOA (Continued)

Prep Batch: 38199 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-11	BS25-340 2'	Total/NA	Solid	SHAKE	
885-37191-12	BS25-341 2'	Total/NA	Solid	SHAKE	
885-37191-13	BS25-342 2'	Total/NA	Solid	SHAKE	
885-37191-14	BS25-348 2'	Total/NA	Solid	SHAKE	
885-37191-15	BS25-357 2'	Total/NA	Solid	SHAKE	
885-37191-16	BS25-358 2'	Total/NA	Solid	SHAKE	
885-37191-17	BS25-398 2'	Total/NA	Solid	SHAKE	
885-37191-18	WS25-35 1-3'	Total/NA	Solid	SHAKE	
885-37191-19	WS25-36 2-4'	Total/NA	Solid	SHAKE	
885-37191-20	WS25-37 1-4'	Total/NA	Solid	SHAKE	
MB 885-38199/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38199/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-37191-20 MS	WS25-37 1-4'	Total/NA	Solid	SHAKE	
885-37191-20 MSD	WS25-37 1-4'	Total/NA	Solid	SHAKE	

Analysis Batch: 38228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-1	BS25-197 2'	Total/NA	Solid	8015M/D	38199
885-37191-3	BS25-311 2'	Total/NA	Solid	8015M/D	38199
885-37191-4	BS25-312 2'	Total/NA	Solid	8015M/D	38199
885-37191-6	BS25-325 2'	Total/NA	Solid	8015M/D	38199
885-37191-7	BS25-326 2'	Total/NA	Solid	8015M/D	38199
885-37191-8	BS25-327 2'	Total/NA	Solid	8015M/D	38199
885-37191-9	BS25-328 2'	Total/NA	Solid	8015M/D	38199
885-37191-10	BS25-330 2'	Total/NA	Solid	8015M/D	38199
885-37191-11	BS25-340 2'	Total/NA	Solid	8015M/D	38199
885-37191-12	BS25-341 2'	Total/NA	Solid	8015M/D	38199
885-37191-13	BS25-342 2'	Total/NA	Solid	8015M/D	38199
885-37191-14	BS25-348 2'	Total/NA	Solid	8015M/D	38199
885-37191-15	BS25-357 2'	Total/NA	Solid	8015M/D	38199
885-37191-16	BS25-358 2'	Total/NA	Solid	8015M/D	38199
885-37191-17	BS25-398 2'	Total/NA	Solid	8015M/D	38199
885-37191-19	WS25-36 2-4'	Total/NA	Solid	8015M/D	38199
885-37191-20	WS25-37 1-4'	Total/NA	Solid	8015M/D	38199
885-37191-21	WS25-38 1-4'	Total/NA	Solid	8015M/D	38235
885-37191-22	WS25-40 1-4'	Total/NA	Solid	8015M/D	38235
885-37191-23	WS25-41 1-4'	Total/NA	Solid	8015M/D	38235
885-37191-24	WS25-42 1-2'	Total/NA	Solid	8015M/D	38235
885-37191-25	WS25-44 1-2'	Total/NA	Solid	8015M/D	38235
885-37191-26	WS25-45 1-2'	Total/NA	Solid	8015M/D	38235
885-37191-27	WS25-46 1-2'	Total/NA	Solid	8015M/D	38235
885-37191-28	WS25-47 1-2'	Total/NA	Solid	8015M/D	38235
885-37191-29	WS25-48 1-2'	Total/NA	Solid	8015M/D	38235
885-37191-30	WS25-49 1-2'	Total/NA	Solid	8015M/D	38235
885-37191-31	WS25-50 1-2'	Total/NA	Solid	8015M/D	38235
MB 885-38199/1-A	Method Blank	Total/NA	Solid	8015M/D	38199
MB 885-38235/1-A	Method Blank	Total/NA	Solid	8015M/D	38235
LCS 885-38199/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38199
LCS 885-38235/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38235
885-37191-20 MS	WS25-37 1-4'	Total/NA	Solid	8015M/D	38199
885-37191-20 MSD	WS25-37 1-4'	Total/NA	Solid	8015M/D	38199

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

GC Semi VOA

Prep Batch: 38235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-21	WS25-38 1-4'	Total/NA	Solid	SHAKE	
885-37191-22	WS25-40 1-4'	Total/NA	Solid	SHAKE	
885-37191-23	WS25-41 1-4'	Total/NA	Solid	SHAKE	
885-37191-24	WS25-42 1-2'	Total/NA	Solid	SHAKE	
885-37191-25	WS25-44 1-2'	Total/NA	Solid	SHAKE	
885-37191-26	WS25-45 1-2'	Total/NA	Solid	SHAKE	
885-37191-27	WS25-46 1-2'	Total/NA	Solid	SHAKE	
885-37191-28	WS25-47 1-2'	Total/NA	Solid	SHAKE	
885-37191-29	WS25-48 1-2'	Total/NA	Solid	SHAKE	
885-37191-30	WS25-49 1-2'	Total/NA	Solid	SHAKE	
885-37191-31	WS25-50 1-2'	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	

Analysis Batch: 38310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-2	BS25-232 2'	Total/NA	Solid	8015M/D	38199
885-37191-5	BS25-324 2'	Total/NA	Solid	8015M/D	38199
885-37191-18	WS25-35 1-3'	Total/NA	Solid	8015M/D	38199

HPLC/IC

Analysis Batch: 38152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-1	BS25-197 2'	Total/NA	Solid	300.0	38187
885-37191-2	BS25-232 2'	Total/NA	Solid	300.0	38187
885-37191-3	BS25-311 2'	Total/NA	Solid	300.0	38187
885-37191-4	BS25-312 2'	Total/NA	Solid	300.0	38187
885-37191-5	BS25-324 2'	Total/NA	Solid	300.0	38187
885-37191-6	BS25-325 2'	Total/NA	Solid	300.0	38187
885-37191-7	BS25-326 2'	Total/NA	Solid	300.0	38187
885-37191-8	BS25-327 2'	Total/NA	Solid	300.0	38187
885-37191-9	BS25-328 2'	Total/NA	Solid	300.0	38187
885-37191-10	BS25-330 2'	Total/NA	Solid	300.0	38187
885-37191-11	BS25-340 2'	Total/NA	Solid	300.0	38187
885-37191-12	BS25-341 2'	Total/NA	Solid	300.0	38187
885-37191-13	BS25-342 2'	Total/NA	Solid	300.0	38187
885-37191-14	BS25-348 2'	Total/NA	Solid	300.0	38187
885-37191-15	BS25-357 2'	Total/NA	Solid	300.0	38187
885-37191-16	BS25-358 2'	Total/NA	Solid	300.0	38187
885-37191-17	BS25-398 2'	Total/NA	Solid	300.0	38187
885-37191-18	WS25-35 1-3'	Total/NA	Solid	300.0	38187
885-37191-19	WS25-36 2-4'	Total/NA	Solid	300.0	38187
885-37191-20	WS25-37 1-4'	Total/NA	Solid	300.0	38187
MB 885-38187/1-A	Method Blank	Total/NA	Solid	300.0	38187
LCS 885-38187/2-A	Lab Control Sample	Total/NA	Solid	300.0	38187
885-37191-1 MS	BS25-197 2'	Total/NA	Solid	300.0	38187
885-37191-1 MSD	BS25-197 2'	Total/NA	Solid	300.0	38187
885-37191-2 MS	BS25-232 2'	Total/NA	Solid	300.0	38187
885-37191-2 MSD	BS25-232 2'	Total/NA	Solid	300.0	38187

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

HPLC/IC

Prep Batch: 38187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-1	BS25-197 2'	Total/NA	Solid	300_Prep	
885-37191-2	BS25-232 2'	Total/NA	Solid	300_Prep	
885-37191-3	BS25-311 2'	Total/NA	Solid	300_Prep	
885-37191-4	BS25-312 2'	Total/NA	Solid	300_Prep	
885-37191-5	BS25-324 2'	Total/NA	Solid	300_Prep	
885-37191-6	BS25-325 2'	Total/NA	Solid	300_Prep	
885-37191-7	BS25-326 2'	Total/NA	Solid	300_Prep	
885-37191-8	BS25-327 2'	Total/NA	Solid	300_Prep	
885-37191-9	BS25-328 2'	Total/NA	Solid	300_Prep	
885-37191-10	BS25-330 2'	Total/NA	Solid	300_Prep	
885-37191-11	BS25-340 2'	Total/NA	Solid	300_Prep	
885-37191-12	BS25-341 2'	Total/NA	Solid	300_Prep	
885-37191-13	BS25-342 2'	Total/NA	Solid	300_Prep	
885-37191-14	BS25-348 2'	Total/NA	Solid	300_Prep	
885-37191-15	BS25-357 2'	Total/NA	Solid	300_Prep	
885-37191-16	BS25-358 2'	Total/NA	Solid	300_Prep	
885-37191-17	BS25-398 2'	Total/NA	Solid	300_Prep	
885-37191-18	WS25-35 1-3'	Total/NA	Solid	300_Prep	
885-37191-19	WS25-36 2-4'	Total/NA	Solid	300_Prep	
885-37191-20	WS25-37 1-4'	Total/NA	Solid	300_Prep	
MB 885-38187/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38187/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-37191-1 MS	BS25-197 2'	Total/NA	Solid	300_Prep	
885-37191-1 MSD	BS25-197 2'	Total/NA	Solid	300_Prep	
885-37191-2 MS	BS25-232 2'	Total/NA	Solid	300_Prep	
885-37191-2 MSD	BS25-232 2'	Total/NA	Solid	300_Prep	

Prep Batch: 38220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-21	WS25-38 1-4'	Total/NA	Solid	300_Prep	
885-37191-22	WS25-40 1-4'	Total/NA	Solid	300_Prep	
885-37191-23	WS25-41 1-4'	Total/NA	Solid	300_Prep	
885-37191-24	WS25-42 1-2'	Total/NA	Solid	300_Prep	
885-37191-25	WS25-44 1-2'	Total/NA	Solid	300_Prep	
885-37191-26	WS25-45 1-2'	Total/NA	Solid	300_Prep	
885-37191-27	WS25-46 1-2'	Total/NA	Solid	300_Prep	
885-37191-28	WS25-47 1-2'	Total/NA	Solid	300_Prep	
885-37191-29	WS25-48 1-2'	Total/NA	Solid	300_Prep	
885-37191-30	WS25-49 1-2'	Total/NA	Solid	300_Prep	
885-37191-31	WS25-50 1-2'	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
885-37191-21	WS25-38 1-4'	Total/NA	Solid	300.0	38220
885-37191-22	WS25-40 1-4'	Total/NA	Solid	300.0	38220
885-37191-23	WS25-41 1-4'	Total/NA	Solid	300.0	38220
885-37191-24	WS25-42 1-2'	Total/NA	Solid	300.0	38220
885-37191-25	WS25-44 1-2'	Total/NA	Solid	300.0	38220
885-37191-26	WS25-45 1-2'	Total/NA	Solid	300.0	38220

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

HPLC/IC (Continued)

Analysis Batch: 38222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37191-27	WS25-46 1-2'	Total/NA	Solid	300.0	38220
885-37191-28	WS25-47 1-2'	Total/NA	Solid	300.0	38220
885-37191-29	WS25-48 1-2'	Total/NA	Solid	300.0	38220
885-37191-30	WS25-49 1-2'	Total/NA	Solid	300.0	38220
885-37191-31	WS25-50 1-2'	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: 885-37191-1
Project/Site: Padron AST

Client Sample ID: BS25-197 2'
Lab Sample ID: 885-37191-1
Date Collected: 11/06/25 08:02
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/12/25 22:58
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/12/25 22:58
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 11:10
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 16:46

Client Sample ID: BS25-232 2'
Lab Sample ID: 885-37191-2
Date Collected: 11/06/25 08:05
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 00:04
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 00:04
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38310	EM	EET ALB	11/12/25 10:54
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 17:18

Client Sample ID: BS25-311 2'
Lab Sample ID: 885-37191-3
Date Collected: 11/06/25 08:10
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 01:09
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 01:09
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 11:34
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 18:13

Client Sample ID: BS25-312 2'
Lab Sample ID: 885-37191-4
Date Collected: 11/06/25 08:13
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 01:31

Lab Chronicle

Client: Vertex
Job ID: 885-37191-1
Project/Site: Padron AST

Client Sample ID: BS25-312 2'
Lab Sample ID: 885-37191-4
Date Collected: 11/06/25 08:13
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 01:31
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 11:46
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 18:23

Client Sample ID: BS25-324 2'
Lab Sample ID: 885-37191-5
Date Collected: 11/06/25 08:18
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 01:53
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 01:53
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38310	EM	EET ALB	11/12/25 11:18
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 18:34

Client Sample ID: BS25-325 2'
Lab Sample ID: 885-37191-6
Date Collected: 11/06/25 08:20
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 02:14
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 02:14
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 12:09
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 18:45

Client Sample ID: BS25-326 2'
Lab Sample ID: 885-37191-7
Date Collected: 11/06/25 08:23
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 02:36
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 02:36

Lab Chronicle

Client: Vertex
Job ID: 885-37191-1
Project/Site: Padron AST

Client Sample ID: BS25-326 2'
Lab Sample ID: 885-37191-7
Date Collected: 11/06/25 08:23
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	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 12:21
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 18:56

Client Sample ID: BS25-327 2'
Lab Sample ID: 885-37191-8
Date Collected: 11/06/25 08:25
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 02:58
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 02:58
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 12:33
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 19:07

Client Sample ID: BS25-328 2'
Lab Sample ID: 885-37191-9
Date Collected: 11/06/25 08:28
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 03:19
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 03:19
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 12:56
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 19:18

Client Sample ID: BS25-330 2'
Lab Sample ID: 885-37191-10
Date Collected: 11/06/25 08:30
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 03:41
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 03:41
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 13:08

Lab Chronicle

Client: Vertex
Job ID: 885-37191-1
Project/Site: Padron AST

Client Sample ID: BS25-330 2'
Lab Sample ID: 885-37191-10
Date Collected: 11/06/25 08:30
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	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 19:29

Client Sample ID: BS25-340 2'
Lab Sample ID: 885-37191-11
Date Collected: 11/06/25 08:35
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 04:25
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 04:25
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 13:20
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 19:39

Client Sample ID: BS25-341 2'
Lab Sample ID: 885-37191-12
Date Collected: 11/06/25 08:40
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 04:47
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 04:47
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 13:32
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 19:50

Client Sample ID: BS25-342 2'
Lab Sample ID: 885-37191-13
Date Collected: 11/06/25 08:45
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 05:08
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 05:08
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 13:44
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 20:23

Lab Chronicle

Client: Vertex
Job ID: 885-37191-1
Project/Site: Padron AST

Client Sample ID: BS25-348 2'
Lab Sample ID: 885-37191-14
Date Collected: 11/06/25 08:50
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 05:30
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 05:30
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 13:56
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 20:34

Client Sample ID: BS25-357 2'
Lab Sample ID: 885-37191-15
Date Collected: 11/06/25 08:53
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 05:52
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 05:52
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 14:07
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 20:45

Client Sample ID: BS25-358 2'
Lab Sample ID: 885-37191-16
Date Collected: 11/06/25 08:55
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 06:13
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 06:13
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 14:19
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 20:55

Client Sample ID: BS25-398 2'
Lab Sample ID: 885-37191-17
Date Collected: 11/06/25 09:15
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 06:35

Lab Chronicle

Client: Vertex
Job ID: 885-37191-1
Project/Site: Padron AST

Client Sample ID: BS25-398 2'
Lab Sample ID: 885-37191-17
Date Collected: 11/06/25 09:15
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 06:35
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 14:31
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 21:06

Client Sample ID: WS25-35 1-3'
Lab Sample ID: 885-37191-18
Date Collected: 11/06/25 09:30
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 06:57
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 06:57
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38310	EM	EET ALB	11/12/25 11:41
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 21:17

Client Sample ID: WS25-36 2-4'
Lab Sample ID: 885-37191-19
Date Collected: 11/06/25 09:35
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 07:18
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 07:18
Total/NA	Prep	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 15:06
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 21:28

Client Sample ID: WS25-37 1-4'
Lab Sample ID: 885-37191-20
Date Collected: 11/06/25 09:40
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			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8015M/D		1	38369	AT	EET ALB	11/13/25 07:40
Total/NA	Prep	5030C			38181	JP	EET ALB	11/10/25 14:08
Total/NA	Analysis	8021B		1	38368	AT	EET ALB	11/13/25 07:40

Lab Chronicle

Client: Vertex
Job ID: 885-37191-1
Project/Site: Padron AST

Client Sample ID: WS25-37 1-4'
Lab Sample ID: 885-37191-20
Date Collected: 11/06/25 09:40
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	SHAKE			38199	BV	EET ALB	11/10/25 16:09
Total/NA	Analysis	8015M/D		1	38228	EM	EET ALB	11/11/25 15:18
Total/NA	Prep	300_Prep			38187	JR	EET ALB	11/10/25 14:47
Total/NA	Analysis	300.0		10	38152	EH	EET ALB	11/10/25 21:39

Client Sample ID: WS25-38 1-4'
Lab Sample ID: 885-37191-21
Date Collected: 11/06/25 09:45
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	11/12/25 18:31
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/12/25 18:31
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 16:29
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 10:44

Client Sample ID: WS25-40 1-4'
Lab Sample ID: 885-37191-22
Date Collected: 11/06/25 09:50
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	11/12/25 19:42
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/12/25 19:42
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 16:41
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 10:54

Client Sample ID: WS25-41 1-4'
Lab Sample ID: 885-37191-23
Date Collected: 11/06/25 09:55
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	11/12/25 20:54
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/12/25 20:54
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 16:53

Lab Chronicle

Client: Vertex
Job ID: 885-37191-1
Project/Site: Padron AST

Client Sample ID: WS25-41 1-4'
Lab Sample ID: 885-37191-23
Date Collected: 11/06/25 09:55
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	300_Prep			38220	JT	EET ALB	11/11/25 06:44
Total/NA	Analysis	300.0		10	38222	JT	EET ALB	11/11/25 11:05

Client Sample ID: WS25-42 1-2'
Lab Sample ID: 885-37191-24
Date Collected: 11/06/25 10:15
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	11/12/25 21:18
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/12/25 21:18
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 17:05
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 11:15

Client Sample ID: WS25-44 1-2'
Lab Sample ID: 885-37191-25
Date Collected: 11/06/25 10:25
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	11/12/25 21:41
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/12/25 21:41
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 17:16
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 11:25

Client Sample ID: WS25-45 1-2'
Lab Sample ID: 885-37191-26
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	11/12/25 22:05
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/12/25 22:05
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 17:28
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 11:56

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37191-1

Client Sample ID: WS25-46 1-2'
Lab Sample ID: 885-37191-27
Date Collected: 11/06/25 10:35
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	11/12/25 22:29
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/12/25 22:29
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 17:40
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 12:07

Client Sample ID: WS25-47 1-2'
Lab Sample ID: 885-37191-28
Date Collected: 11/06/25 10:45
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	11/12/25 22:53
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/12/25 22:53
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 17:52
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 12:17

Client Sample ID: WS25-48 1-2'
Lab Sample ID: 885-37191-29
Date Collected: 11/06/25 10:50
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	11/12/25 23:40
Total/NA	Prep	5030C			38211	JP	EET ALB	11/10/25 17:07
Total/NA	Analysis	8021B		1	38355	VP	EET ALB	11/12/25 23:40
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 18:15
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 12:27

Client Sample ID: WS25-49 1-2'
Lab Sample ID: 885-37191-30
Date Collected: 11/06/25 10:55
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 00:04

Lab Chronicle

Client: Vertex
Job ID: 885-37191-1
Project/Site: Padron AST

Client Sample ID: WS25-49 1-2'
Lab Sample ID: 885-37191-30
Date Collected: 11/06/25 10:55
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 00:04
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 18:27
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 12:38

Client Sample ID: WS25-50 1-2'
Lab Sample ID: 885-37191-31
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 00:28
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 00:28
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 18:39
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 12:48

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex Job ID: 885-37191-1
Project/Site: Padron AST

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: 2/19/2026 3:49:38 PM
Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to EOG Resouces Inc, Chase Settle)

Mailing Address: 3101 Boyd Dr

On file

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other_____

☐ EDD (Type) _____

Turn-Around Time:

X Standard ☑ Rush-~~5~~ 4 day

Project Name: **Padron AST**

Project #: **25A-03091**

Project Manager: Chance Dixon

cdixon@vertexresource.com

Sampler: AL

On Ice: ☒ Yes ☐ No

# of Coolers: 1 Joe

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

885-37191 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)
11.06.2025	8:02	Soil	BS25-197 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:05	Soil	BS25-232 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:10	Soil	BS25-311 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:13	Soil	BS25-312 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:18	Soil	BS25-324 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:20	Soil	BS25-325 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:23	Soil	BS25-326 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:25	Soil	BS25-327 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:28	Soil	BS25-328 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:30	Soil	BS25-330 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:35	Soil	BS25-340 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:40	Soil	BS25-341 2'	1, 4oz jar	Ice		X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11/7/25	845				11/7/25	845
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11/7/25	1910			courier	11/8/25	9:00

Remarks: Direct Bill to EOG, ATTN: Chase Settle
cc. permian@vertexresource.com, cdixon@vertexresource.com and ALudvik@vertexresource.com for Final Report

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: 2/19/2026 3:49:38 PM
Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to EOG Resouces Inc, Chase Settle)

Mailing Address: 3101 Boyd Dr

On file

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other_____

☐ EDD (Type) _____

Turn-Around Time:

X Standard ☑ Rush 4 ~~8~~ day

Project Name:

Padron AST

Project #:

25A-03091

Project Manager:

Chance Dixon

cdixon@vertexresource.com

Sampler: AL

On Ice: ☑ Yes ☐ No

# of Coolers: 1 Ice

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

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)
11.06.2025	8:45	Soil	BS25-342 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:50	Soil	BS25-348 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:53	Soil	BS25-357 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	8:55	Soil	BS25-358 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	9:15	Soil	BS25-398 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	9:30	Soil	WS25-35 1- 3'	1, 4oz jar	Ice		X	X					X			
11.06.2025	9:35	Soil	WS25-36 2- 4'	1, 4oz jar	Ice		X	X					X			
11.06.2025	9:40	Soil	WS25-37 1- 4'	1, 4oz jar	Ice		X	X					X			
11.06.2025	9:45	Soil	WS25-38 1- 4'	1, 4oz jar	Ice		X	X					X			
11.06.2025	9:50	Soil	WS25-40 1- 4'	1, 4oz jar	Ice		X	X					X			
11.06.2025	9:55	Soil	WS25-41 1- 4'	1, 4oz jar	Ice		X	X					X			
11.06.2025	10:15	Soil	WS25-42 1- 2'	1, 4oz jar	Ice		X	X					X			

Date	Time	Relinquished by	Received by	Via	Date	Time
11/7/25	845				11/7/25	845
11/7/25	1900			Courier	11/8/25	8:00

Remarks: Direct Bill to EOG, ATTN: Chase Settle
cc. permian@vertexresource.com, cdixon@vertexresource.com and ALudvik@vertexresource.com for Final Report

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: 2/19/2026 3:49:38 PM
Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to EOG Resouces Inc, Chase Settle)

Mailing Address: 3101 Boyd Dr

On file

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other_____

☐ EDD (Type) _____

Turn-Around Time:

X Standard ☑ Rush 4 day

Project Name:

Padron AST

Project #:

25A-03091

Project Manager:

Chance Dixon

cdixon@vertexresource.com

Sampler: AL

On Ice: ☑ Yes ☐ No Jve

# 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

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)
11.06.2025	10:25	Soil	WS25-44 1- 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	10:30	Soil	WS25-45 1- 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	10:35	Soil	WS25-46 1- 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	10:45	Soil	WS25-47 1- 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	10:50	Soil	WS25-48 1- 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	10:55	Soil	WS25-49 1- 2'	1, 4oz jar	Ice		X	X					X			
11.06.2025	11:00	Soil	WS25-50 1- 2'	1, 4oz jar	Ice		X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
			CCummings		11/7/25	845
Date: 11/7/25	Time: 1910	Relinquished by: CCummings	Received by:	Via: courier	Date 11/8/25	Time 8:00

Remarks: Direct Bill to EOG, ATTN: Chase Settle
cc. permian@vertexresource.com, cdixon@vertexresource.com and ALudvik@vertexresource.com for Final Report

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: 885-37191-1

Login Number: 37191 **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 11/18/2025 3:47:58 PM

JOB DESCRIPTION

Padron AST

JOB NUMBER

885-37630-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 2/19/2026 3:49:58 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 3:47:58 PM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Padron AST

Laboratory Job ID: 885-37630-1

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Definitions/Glossary

Client: Vertex Job ID: 885-37630-1
Project/Site: Padron AST

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
Project: Padron AST

Job ID: 885-37630-1

Job ID: 885-37630-1 Eurofins Albuquerque

Job Narrative
885-37630-1

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 11/13/2025 7:50 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 1.4°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
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-01.2 0-1'

Date Collected: 11/11/25 10:05
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-1

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		5.0		mg/Kg		11/15/25 10:41	11/17/25 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*15 - 150*	*11/15/25 10:41*	*11/17/25 12:16*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 10:41	11/17/25 12:16	1
Ethylbenzene	ND		0.050		mg/Kg		11/15/25 10:41	11/17/25 12:16	1
Toluene	ND		0.050		mg/Kg		11/15/25 10:41	11/17/25 12:16	1
Xylenes, Total	ND		0.10		mg/Kg		11/15/25 10:41	11/17/25 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*15 - 150*	*11/15/25 10:41*	*11/17/25 12:16*	*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		9.8		mg/Kg		11/17/25 10:23	11/17/25 13:54	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:23	11/17/25 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*	*11/17/25 10:23*	*11/17/25 13:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		49		mg/Kg		11/15/25 10:34	11/16/25 14:02	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-02.1 0-1'

Date Collected: 11/11/25 10:10
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-2

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		5.0		mg/Kg		11/15/25 10:41	11/17/25 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*15 - 150*	*11/15/25 10:41*	*11/17/25 13:29*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 10:41	11/17/25 13:29	1
Ethylbenzene	ND		0.050		mg/Kg		11/15/25 10:41	11/17/25 13:29	1
Toluene	ND		0.050		mg/Kg		11/15/25 10:41	11/17/25 13:29	1
Xylenes, Total	ND		0.099		mg/Kg		11/15/25 10:41	11/17/25 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*15 - 150*	*11/15/25 10:41*	*11/17/25 13:29*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		11/17/25 10:23	11/17/25 14:05	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 10:23	11/17/25 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*	*11/17/25 10:23*	*11/17/25 14:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**370**		51		mg/Kg		11/15/25 10:34	11/16/25 14:33	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-03.1 0-1'

Date Collected: 11/11/25 10:15
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-3

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		5.0		mg/Kg		11/15/25 10:41	11/17/25 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*15 - 150*	*11/15/25 10:41*	*11/17/25 14:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 10:41	11/17/25 14:41	1
Ethylbenzene	ND		0.050		mg/Kg		11/15/25 10:41	11/17/25 14:41	1
Toluene	ND		0.050		mg/Kg		11/15/25 10:41	11/17/25 14:41	1
Xylenes, Total	ND		0.10		mg/Kg		11/15/25 10:41	11/17/25 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*15 - 150*	*11/15/25 10:41*	*11/17/25 14:41*	*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		9.6		mg/Kg		11/17/25 10:23	11/17/25 14:17	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 10:23	11/17/25 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*	*11/17/25 10:23*	*11/17/25 14:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		11/15/25 10:34	11/16/25 15:25	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-06.1 0-4'

Date Collected: 11/11/25 10:20
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-4

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		4.9		mg/Kg		11/15/25 10:41	11/17/25 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*15 - 150*	*11/15/25 10:41*	*11/17/25 15:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 10:41	11/17/25 15:05	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 10:41	11/17/25 15:05	1
Toluene	ND		0.049		mg/Kg		11/15/25 10:41	11/17/25 15:05	1
Xylenes, Total	ND		0.099		mg/Kg		11/15/25 10:41	11/17/25 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*15 - 150*	*11/15/25 10:41*	*11/17/25 15:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		11/17/25 10:23	11/17/25 14:28	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 10:23	11/17/25 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*11/17/25 10:23*	*11/17/25 14:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		11/15/25 10:34	11/16/25 15:35	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-13.1 0-1'

Date Collected: 11/11/25 10:25
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-5

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		4.8		mg/Kg		11/15/25 10:41	11/17/25 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*15 - 150*	*11/15/25 10:41*	*11/17/25 15:29*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 10:41	11/17/25 15:29	1
Ethylbenzene	ND		0.048		mg/Kg		11/15/25 10:41	11/17/25 15:29	1
Toluene	ND		0.048		mg/Kg		11/15/25 10:41	11/17/25 15:29	1
Xylenes, Total	ND		0.097		mg/Kg		11/15/25 10:41	11/17/25 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/15/25 10:41*	*11/17/25 15:29*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		11/17/25 10:23	11/17/25 14:40	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:23	11/17/25 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*83*		*62 - 134*	*11/17/25 10:23*	*11/17/25 14:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73**		50		mg/Kg		11/15/25 10:34	11/16/25 15:46	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-18.1 1-3'

Date Collected: 11/11/25 10:30
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-6

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		4.9		mg/Kg		11/15/25 10:41	11/17/25 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*15 - 150*	*11/15/25 10:41*	*11/17/25 15:53*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 10:41	11/17/25 15:53	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 10:41	11/17/25 15:53	1
Toluene	ND		0.049		mg/Kg		11/15/25 10:41	11/17/25 15:53	1
Xylenes, Total	ND		0.098		mg/Kg		11/15/25 10:41	11/17/25 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*15 - 150*	*11/15/25 10:41*	*11/17/25 15:53*	*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		11/17/25 10:23	11/17/25 14:51	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:23	11/17/25 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/17/25 10:23*	*11/17/25 14:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**330**		50		mg/Kg		11/15/25 10:34	11/16/25 15:56	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-39 1-2'

Date Collected: 11/11/25 10:40
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-7

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		4.8		mg/Kg		11/15/25 10:41	11/17/25 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*15 - 150*	*11/15/25 10:41*	*11/17/25 16:18*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 10:41	11/17/25 16:18	1
Ethylbenzene	ND		0.048		mg/Kg		11/15/25 10:41	11/17/25 16:18	1
Toluene	ND		0.048		mg/Kg		11/15/25 10:41	11/17/25 16:18	1
Xylenes, Total	ND		0.097		mg/Kg		11/15/25 10:41	11/17/25 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/15/25 10:41*	*11/17/25 16:18*	*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		9.8		mg/Kg		11/17/25 10:23	11/17/25 15:03	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:23	11/17/25 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*11/17/25 10:23*	*11/17/25 15:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		50		mg/Kg		11/15/25 10:34	11/16/25 16:06	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-43 1-2'

Date Collected: 11/11/25 10:45
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-8

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		11/15/25 10:41	11/17/25 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*15 - 150*	*11/15/25 10:41*	*11/17/25 16:42*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/15/25 10:41	11/17/25 16:42	1
Ethylbenzene	ND		0.046		mg/Kg		11/15/25 10:41	11/17/25 16:42	1
Toluene	ND		0.046		mg/Kg		11/15/25 10:41	11/17/25 16:42	1
Xylenes, Total	ND		0.092		mg/Kg		11/15/25 10:41	11/17/25 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/15/25 10:41*	*11/17/25 16:42*	*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		9.7		mg/Kg		11/17/25 10:23	11/17/25 15:14	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 10:23	11/17/25 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/17/25 10:23*	*11/17/25 15:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66**		50		mg/Kg		11/15/25 10:34	11/16/25 16:17	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-51 1-2'

Date Collected: 11/11/25 10:55
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-9

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		4.9		mg/Kg		11/15/25 10:41	11/17/25 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*15 - 150*	*11/15/25 10:41*	*11/17/25 17:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 10:41	11/17/25 17:06	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 10:41	11/17/25 17:06	1
Toluene	ND		0.049		mg/Kg		11/15/25 10:41	11/17/25 17:06	1
Xylenes, Total	ND		0.098		mg/Kg		11/15/25 10:41	11/17/25 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/15/25 10:41*	*11/17/25 17:06*	*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		9.9		mg/Kg		11/17/25 10:23	11/17/25 15:37	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/17/25 10:23	11/17/25 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/17/25 10:23*	*11/17/25 15:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		51		mg/Kg		11/15/25 10:34	11/16/25 16:27	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-52 1-2'

Date Collected: 11/11/25 11:00
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-10

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		4.6		mg/Kg		11/15/25 10:41	11/17/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*15 - 150*	*11/15/25 10:41*	*11/17/25 17:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/15/25 10:41	11/17/25 17:31	1
Ethylbenzene	ND		0.046		mg/Kg		11/15/25 10:41	11/17/25 17:31	1
Toluene	ND		0.046		mg/Kg		11/15/25 10:41	11/17/25 17:31	1
Xylenes, Total	ND		0.093		mg/Kg		11/15/25 10:41	11/17/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*15 - 150*	*11/15/25 10:41*	*11/17/25 17:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		11/17/25 10:23	11/17/25 15:49	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/17/25 10:23	11/17/25 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*76*		*62 - 134*	*11/17/25 10:23*	*11/17/25 15:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53**		50		mg/Kg		11/15/25 10:34	11/16/25 16:37	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-53 1-2'

Date Collected: 11/11/25 11:05
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-11

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		5.0		mg/Kg		11/15/25 10:41	11/17/25 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*15 - 150*	*11/15/25 10:41*	*11/17/25 18:20*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 10:41	11/17/25 18:20	1
Ethylbenzene	ND		0.050		mg/Kg		11/15/25 10:41	11/17/25 18:20	1
Toluene	ND		0.050		mg/Kg		11/15/25 10:41	11/17/25 18:20	1
Xylenes, Total	ND		0.10		mg/Kg		11/15/25 10:41	11/17/25 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/15/25 10:41*	*11/17/25 18:20*	*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		9.9		mg/Kg		11/17/25 10:23	11/17/25 16:00	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/17/25 10:23	11/17/25 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*	*11/17/25 10:23*	*11/17/25 16:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		51		mg/Kg		11/15/25 10:34	11/16/25 16:48	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-54 1-2'

Date Collected: 11/11/25 11:10
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-12

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		4.8		mg/Kg		11/15/25 10:41	11/17/25 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*15 - 150*	*11/15/25 10:41*	*11/17/25 18:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 10:41	11/17/25 18:44	1
Ethylbenzene	ND		0.048		mg/Kg		11/15/25 10:41	11/17/25 18:44	1
Toluene	ND		0.048		mg/Kg		11/15/25 10:41	11/17/25 18:44	1
Xylenes, Total	ND		0.097		mg/Kg		11/15/25 10:41	11/17/25 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/15/25 10:41*	*11/17/25 18:44*	*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		9.5		mg/Kg		11/17/25 10:23	11/17/25 16:11	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/17/25 10:23	11/17/25 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*83*		*62 - 134*	*11/17/25 10:23*	*11/17/25 16:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52**		50		mg/Kg		11/15/25 10:34	11/16/25 16:58	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-55 1-2'

Date Collected: 11/11/25 11:15
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-13

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		4.9		mg/Kg		11/15/25 10:41	11/17/25 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*15 - 150*	*11/15/25 10:41*	*11/17/25 19:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 10:41	11/17/25 19:08	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 10:41	11/17/25 19:08	1
Toluene	ND		0.049		mg/Kg		11/15/25 10:41	11/17/25 19:08	1
Xylenes, Total	ND		0.097		mg/Kg		11/15/25 10:41	11/17/25 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/15/25 10:41*	*11/17/25 19:08*	*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		9.3		mg/Kg		11/17/25 10:23	11/17/25 16:23	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/17/25 10:23	11/17/25 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*	*11/17/25 10:23*	*11/17/25 16:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		11/15/25 10:34	11/16/25 17:29	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-56 1-2'

Date Collected: 11/11/25 11:20
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-14

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		4.9		mg/Kg		11/15/25 10:41	11/17/25 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*15 - 150*	*11/15/25 10:41*	*11/17/25 19:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 10:41	11/17/25 19:33	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 10:41	11/17/25 19:33	1
Toluene	ND		0.049		mg/Kg		11/15/25 10:41	11/17/25 19:33	1
Xylenes, Total	ND		0.098		mg/Kg		11/15/25 10:41	11/17/25 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/15/25 10:41*	*11/17/25 19:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		11/17/25 10:23	11/17/25 16:34	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/17/25 10:23	11/17/25 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/17/25 10:23*	*11/17/25 16:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		49		mg/Kg		11/15/25 10:34	11/16/25 17:39	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-57 1-2'

Date Collected: 11/11/25 11:25
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-15

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		11/15/25 10:41	11/17/25 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*15 - 150*	*11/15/25 10:41*	*11/17/25 19:57*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 10:41	11/17/25 19:57	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 10:41	11/17/25 19:57	1
Toluene	ND		0.049		mg/Kg		11/15/25 10:41	11/17/25 19:57	1
Xylenes, Total	ND		0.099		mg/Kg		11/15/25 10:41	11/17/25 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*15 - 150*	*11/15/25 10:41*	*11/17/25 19:57*	*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		9.2		mg/Kg		11/17/25 10:23	11/17/25 16:46	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/17/25 10:23	11/17/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/17/25 10:23*	*11/17/25 16:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52**		50		mg/Kg		11/15/25 10:34	11/16/25 17:50	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-58 1-3'

Date Collected: 11/11/25 11:35
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-16

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		4.8		mg/Kg		11/15/25 10:41	11/17/25 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*15 - 150*	*11/15/25 10:41*	*11/17/25 20:21*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 10:41	11/17/25 20:21	1
Ethylbenzene	ND		0.048		mg/Kg		11/15/25 10:41	11/17/25 20:21	1
Toluene	ND		0.048		mg/Kg		11/15/25 10:41	11/17/25 20:21	1
Xylenes, Total	ND		0.095		mg/Kg		11/15/25 10:41	11/17/25 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/15/25 10:41*	*11/17/25 20:21*	*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		9.6		mg/Kg		11/17/25 10:23	11/17/25 16:57	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 10:23	11/17/25 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/17/25 10:23*	*11/17/25 16:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56**		51		mg/Kg		11/15/25 10:34	11/16/25 18:00	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-59 2.5-6'

Date Collected: 11/11/25 11:40
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-17

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		11/15/25 10:41	11/17/25 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*15 - 150*	*11/15/25 10:41*	*11/17/25 20:46*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/15/25 10:41	11/17/25 20:46	1
Ethylbenzene	ND		0.047		mg/Kg		11/15/25 10:41	11/17/25 20:46	1
Toluene	ND		0.047		mg/Kg		11/15/25 10:41	11/17/25 20:46	1
Xylenes, Total	ND		0.094		mg/Kg		11/15/25 10:41	11/17/25 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/15/25 10:41*	*11/17/25 20:46*	*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		11/17/25 10:23	11/17/25 17:08	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:23	11/17/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/17/25 10:23*	*11/17/25 17:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		50		mg/Kg		11/15/25 10:34	11/16/25 18:10	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-60 2-6'

Date Collected: 11/11/25 11:45
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-18

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		4.7		mg/Kg		11/15/25 10:41	11/17/25 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*15 - 150*	*11/15/25 10:41*	*11/17/25 21:10*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 10:41	11/17/25 21:10	1
Ethylbenzene	ND		0.047		mg/Kg		11/15/25 10:41	11/17/25 21:10	1
Toluene	ND		0.047		mg/Kg		11/15/25 10:41	11/17/25 21:10	1
Xylenes, Total	ND		0.094		mg/Kg		11/15/25 10:41	11/17/25 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/15/25 10:41*	*11/17/25 21:10*	*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		11/17/25 10:23	11/17/25 17:20	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:23	11/17/25 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*11/17/25 10:23*	*11/17/25 17:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		50		mg/Kg		11/15/25 10:34	11/16/25 18:21	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-61 1-3'

Date Collected: 11/11/25 11:50
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-19

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		4.8		mg/Kg		11/15/25 10:41	11/17/25 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*15 - 150*	*11/15/25 10:41*	*11/17/25 21:34*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 10:41	11/17/25 21:34	1
Ethylbenzene	ND		0.048		mg/Kg		11/15/25 10:41	11/17/25 21:34	1
Toluene	ND		0.048		mg/Kg		11/15/25 10:41	11/17/25 21:34	1
Xylenes, Total	ND		0.095		mg/Kg		11/15/25 10:41	11/17/25 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*15 - 150*	*11/15/25 10:41*	*11/17/25 21:34*	*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]	ND		9.6		mg/Kg		11/17/25 10:23	11/17/25 17:43	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 10:23	11/17/25 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/17/25 10:23*	*11/17/25 17:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**290**		50		mg/Kg		11/15/25 10:34	11/16/25 18:31	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-62 1-3'

Date Collected: 11/11/25 11:55
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-20

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		11/15/25 10:41	11/17/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*15 - 150*	*11/15/25 10:41*	*11/17/25 21:58*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 10:41	11/17/25 21:58	1
Ethylbenzene	ND		0.047		mg/Kg		11/15/25 10:41	11/17/25 21:58	1
Toluene	ND		0.047		mg/Kg		11/15/25 10:41	11/17/25 21:58	1
Xylenes, Total	ND		0.094		mg/Kg		11/15/25 10:41	11/17/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/15/25 10:41*	*11/17/25 21:58*	*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		11/17/25 10:23	11/17/25 17:54	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:23	11/17/25 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*	*11/17/25 10:23*	*11/17/25 17:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		51		mg/Kg		11/15/25 10:34	11/16/25 18:41	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-63 1-3'

Date Collected: 11/11/25 12:40
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-21

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		11/15/25 14:33	11/16/25 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*15 - 150*	*11/15/25 14:33*	*11/16/25 15:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 14:33	11/16/25 15:56	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 15:56	1
Toluene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 15:56	1
Xylenes, Total	ND		0.098		mg/Kg		11/15/25 14:33	11/16/25 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*15 - 150*	*11/15/25 14:33*	*11/16/25 15:56*	*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		9.5		mg/Kg		11/17/25 10:24	11/17/25 19:02	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/17/25 10:24	11/17/25 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/17/25 10:24*	*11/17/25 19:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		50		mg/Kg		11/16/25 11:30	11/16/25 18:52	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-64 3-4'

Date Collected: 11/11/25 12:45
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-22

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		4.9		mg/Kg		11/15/25 14:33	11/16/25 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*15 - 150*	*11/15/25 14:33*	*11/16/25 17:07*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 14:33	11/16/25 17:07	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 17:07	1
Toluene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 17:07	1
Xylenes, Total	ND		0.098		mg/Kg		11/15/25 14:33	11/16/25 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/15/25 14:33*	*11/16/25 17:07*	*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		9.9		mg/Kg		11/17/25 10:24	11/17/25 19:14	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:24	11/17/25 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*83*		*62 - 134*	*11/17/25 10:24*	*11/17/25 19:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**430**		50		mg/Kg		11/16/25 11:30	11/16/25 19:44	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-65 2-5'

Date Collected: 11/11/25 12:50
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-23

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		5.0		mg/Kg		11/15/25 14:33	11/16/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*15 - 150*	*11/15/25 14:33*	*11/16/25 17:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 14:33	11/16/25 17:31	1
Ethylbenzene	ND		0.050		mg/Kg		11/15/25 14:33	11/16/25 17:31	1
Toluene	ND		0.050		mg/Kg		11/15/25 14:33	11/16/25 17:31	1
Xylenes, Total	ND		0.099		mg/Kg		11/15/25 14:33	11/16/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*11/15/25 14:33*	*11/16/25 17:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		11/17/25 10:24	11/17/25 19:25	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/17/25 10:24	11/17/25 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*11/17/25 10:24*	*11/17/25 19:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**290**		50		mg/Kg		11/16/25 11:30	11/16/25 20:15	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-66 1-2'

Date Collected: 11/11/25 12:55
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-24

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		4.7		mg/Kg		11/15/25 14:33	11/16/25 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*15 - 150*	*11/15/25 14:33*	*11/16/25 17:55*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 14:33	11/16/25 17:55	1
Ethylbenzene	ND		0.047		mg/Kg		11/15/25 14:33	11/16/25 17:55	1
Toluene	ND		0.047		mg/Kg		11/15/25 14:33	11/16/25 17:55	1
Xylenes, Total	ND		0.095		mg/Kg		11/15/25 14:33	11/16/25 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/15/25 14:33*	*11/16/25 17:55*	*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		9.4		mg/Kg		11/17/25 10:24	11/17/25 19:36	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/17/25 10:24	11/17/25 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*11/17/25 10:24*	*11/17/25 19:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		50		mg/Kg		11/16/25 11:30	11/16/25 20:25	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-67 1-2'

Date Collected: 11/11/25 13:00
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-25

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		11/15/25 14:33	11/16/25 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*15 - 150*	*11/15/25 14:33*	*11/16/25 18:18*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 14:33	11/16/25 18:18	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 18:18	1
Toluene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 18:18	1
Xylenes, Total	ND		0.098		mg/Kg		11/15/25 14:33	11/16/25 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*11/15/25 14:33*	*11/16/25 18:18*	*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		9.4		mg/Kg		11/17/25 10:24	11/17/25 19:48	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/17/25 10:24	11/17/25 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*11/17/25 10:24*	*11/17/25 19:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71**		50		mg/Kg		11/16/25 11:30	11/16/25 20:35	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-68 1-2'

Date Collected: 11/11/25 13:05
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-26

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		4.7		mg/Kg		11/15/25 14:33	11/16/25 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*15 - 150*	*11/15/25 14:33*	*11/16/25 18:42*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/15/25 14:33	11/16/25 18:42	1
Ethylbenzene	ND		0.047		mg/Kg		11/15/25 14:33	11/16/25 18:42	1
Toluene	ND		0.047		mg/Kg		11/15/25 14:33	11/16/25 18:42	1
Xylenes, Total	ND		0.094		mg/Kg		11/15/25 14:33	11/16/25 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*11/15/25 14:33*	*11/16/25 18:42*	*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		9.7		mg/Kg		11/17/25 10:24	11/17/25 19:59	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 10:24	11/17/25 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*83*		*62 - 134*	*11/17/25 10:24*	*11/17/25 19:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**63**		50		mg/Kg		11/16/25 11:30	11/16/25 20:46	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-69 1-2'

Date Collected: 11/11/25 13:10
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-27

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		4.9		mg/Kg		11/15/25 14:33	11/16/25 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*15 - 150*	*11/15/25 14:33*	*11/16/25 19:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 14:33	11/16/25 19:06	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 19:06	1
Toluene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 19:06	1
Xylenes, Total	ND		0.099		mg/Kg		11/15/25 14:33	11/16/25 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*11/15/25 14:33*	*11/16/25 19:06*	*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		9.7		mg/Kg		11/17/25 10:24	11/17/25 20:11	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:24	11/17/25 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*11/17/25 10:24*	*11/17/25 20:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49		mg/Kg		11/16/25 11:30	11/16/25 20:56	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: BS25-34 2.5'

Date Collected: 11/11/25 13:25
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-28

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		11/15/25 14:33	11/16/25 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*15 - 150*	*11/15/25 14:33*	*11/16/25 19:30*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 14:33	11/16/25 19:30	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 19:30	1
Toluene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 19:30	1
Xylenes, Total	ND		0.097		mg/Kg		11/15/25 14:33	11/16/25 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*15 - 150*	*11/15/25 14:33*	*11/16/25 19:30*	*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		9.7		mg/Kg		11/17/25 10:24	11/17/25 20:22	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:24	11/17/25 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*11/17/25 10:24*	*11/17/25 20:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		50		mg/Kg		11/16/25 11:30	11/16/25 21:27	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: BS25-69 3.0'

Date Collected: 11/11/25 13:30
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-29

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		4.7		mg/Kg		11/15/25 14:33	11/16/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*15 - 150*	*11/15/25 14:33*	*11/16/25 19:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		11/15/25 14:33	11/16/25 19:54	1
Ethylbenzene	ND		0.047		mg/Kg		11/15/25 14:33	11/16/25 19:54	1
Toluene	ND		0.047		mg/Kg		11/15/25 14:33	11/16/25 19:54	1
Xylenes, Total	ND		0.093		mg/Kg		11/15/25 14:33	11/16/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*15 - 150*	*11/15/25 14:33*	*11/16/25 19:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		11/17/25 10:24	11/17/25 20:45	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/17/25 10:24	11/17/25 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*11/17/25 10:24*	*11/17/25 20:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**340**		50		mg/Kg		11/16/25 11:30	11/16/25 21:37	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: BS25-445 3.0'

Date Collected: 11/11/25 13:35
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-30

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		4.9		mg/Kg		11/15/25 14:33	11/16/25 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*15 - 150*	*11/15/25 14:33*	*11/16/25 20:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 14:33	11/16/25 20:41	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 20:41	1
Toluene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 20:41	1
Xylenes, Total	ND		0.098		mg/Kg		11/15/25 14:33	11/16/25 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*15 - 150*	*11/15/25 14:33*	*11/16/25 20:41*	*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		9.2		mg/Kg		11/17/25 10:24	11/17/25 20:56	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		11/17/25 10:24	11/17/25 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*11/17/25 10:24*	*11/17/25 20:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		50		mg/Kg		11/16/25 11:30	11/16/25 21:48	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: BS25-71 1.5'

Date Collected: 11/11/25 13:40
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-31

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		4.8		mg/Kg		11/15/25 14:33	11/16/25 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*15 - 150*	*11/15/25 14:33*	*11/16/25 21:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 14:33	11/16/25 21:05	1
Ethylbenzene	ND		0.048		mg/Kg		11/15/25 14:33	11/16/25 21:05	1
Toluene	ND		0.048		mg/Kg		11/15/25 14:33	11/16/25 21:05	1
Xylenes, Total	ND		0.096		mg/Kg		11/15/25 14:33	11/16/25 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*15 - 150*	*11/15/25 14:33*	*11/16/25 21:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		11/17/25 10:24	11/17/25 21:07	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/17/25 10:24	11/17/25 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*	*11/17/25 10:24*	*11/17/25 21:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**180**		50		mg/Kg		11/16/25 11:30	11/16/25 21:58	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: BS25-447 6.0'

Date Collected: 11/11/25 13:45
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-32

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		4.9		mg/Kg		11/15/25 14:33	11/16/25 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*15 - 150*	*11/15/25 14:33*	*11/16/25 21:29*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 14:33	11/16/25 21:29	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 21:29	1
Toluene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 21:29	1
Xylenes, Total	ND		0.098		mg/Kg		11/15/25 14:33	11/16/25 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*15 - 150*	*11/15/25 14:33*	*11/16/25 21:29*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		11/17/25 10:24	11/17/25 21:19	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 10:24	11/17/25 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*11/17/25 10:24*	*11/17/25 21:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		49		mg/Kg		11/16/25 11:30	11/16/25 22:08	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: BS25-446 1.0'

Date Collected: 11/11/25 14:00
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-33

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		4.9		mg/Kg		11/15/25 14:33	11/16/25 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*15 - 150*	*11/15/25 14:33*	*11/16/25 21:53*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 14:33	11/16/25 21:53	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 21:53	1
Toluene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 21:53	1
Xylenes, Total	ND		0.099		mg/Kg		11/15/25 14:33	11/16/25 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*15 - 150*	*11/15/25 14:33*	*11/16/25 21:53*	*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		11/17/25 10:24	11/17/25 21:30	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:24	11/17/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*11/17/25 10:24*	*11/17/25 21:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		51		mg/Kg		11/16/25 11:30	11/16/25 22:19	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-23.1 0-1'

Date Collected: 11/11/25 12:10
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-34

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		4.8		mg/Kg		11/15/25 14:33	11/16/25 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*15 - 150*	*11/15/25 14:33*	*11/16/25 22:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 14:33	11/16/25 22:17	1
Ethylbenzene	ND		0.048		mg/Kg		11/15/25 14:33	11/16/25 22:17	1
Toluene	ND		0.048		mg/Kg		11/15/25 14:33	11/16/25 22:17	1
Xylenes, Total	ND		0.096		mg/Kg		11/15/25 14:33	11/16/25 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*15 - 150*	*11/15/25 14:33*	*11/16/25 22:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		11/17/25 10:24	11/17/25 21:41	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:24	11/17/25 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*76*		*62 - 134*	*11/17/25 10:24*	*11/17/25 21:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		50		mg/Kg		11/16/25 11:30	11/16/25 22:29	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: BS25-277 2.25'

Date Collected: 11/11/25 12:15
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-35

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		4.9		mg/Kg		11/15/25 14:33	11/16/25 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*15 - 150*	*11/15/25 14:33*	*11/16/25 22:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		11/15/25 14:33	11/16/25 22:41	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 22:41	1
Toluene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 22:41	1
Xylenes, Total	ND		0.098		mg/Kg		11/15/25 14:33	11/16/25 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*15 - 150*	*11/15/25 14:33*	*11/16/25 22:41*	*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		9.6		mg/Kg		11/17/25 10:24	11/17/25 21:53	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		11/17/25 10:24	11/17/25 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*	*11/17/25 10:24*	*11/17/25 21:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		49		mg/Kg		11/16/25 11:30	11/16/25 22:39	10

Client Sample Results

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

Client Sample ID: BS25-297 2.25'
Lab Sample ID: 885-37630-36
Date Collected: 11/11/25 12:20
Matrix: Solid
Date Received: 11/13/25 07:50

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		11/15/25 14:33	11/16/25 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*15 - 150*	*11/15/25 14:33*	*11/16/25 23:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 14:33	11/16/25 23:05	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 23:05	1
Toluene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 23:05	1
Xylenes, Total	ND		0.099		mg/Kg		11/15/25 14:33	11/16/25 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*15 - 150*	*11/15/25 14:33*	*11/16/25 23:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		11/17/25 10:24	11/17/25 22:04	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		11/17/25 10:24	11/17/25 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*77*		*62 - 134*	*11/17/25 10:24*	*11/17/25 22:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**68**		50		mg/Kg		11/16/25 11:30	11/16/25 22:50	10

Client Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: WS25-10.1 1-8'

Date Collected: 11/11/25 15:00
Date Received: 11/13/25 07:50

Lab Sample ID: 885-37630-37

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		11/15/25 14:33	11/16/25 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*15 - 150*	*11/15/25 14:33*	*11/16/25 23:29*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 14:33	11/16/25 23:29	1
Ethylbenzene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 23:29	1
Toluene	ND		0.049		mg/Kg		11/15/25 14:33	11/16/25 23:29	1
Xylenes, Total	ND		0.099		mg/Kg		11/15/25 14:33	11/16/25 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*15 - 150*	*11/15/25 14:33*	*11/16/25 23:29*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		11/17/25 10:24	11/17/25 22:15	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		11/17/25 10:24	11/17/25 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*81*		*62 - 134*	*11/17/25 10:24*	*11/17/25 22:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**320**		50		mg/Kg		11/16/25 11:30	11/16/25 23:00	10

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

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

Lab Sample ID: MB 885-38528/1-A
Matrix: Solid
Analysis Batch: 38553

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38528

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		11/15/25 10:41	11/17/25 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*15 - 150*	*11/15/25 10:41*	*11/17/25 11:52*	*1*

Lab Sample ID: LCS 885-38528/2-A
Matrix: Solid
Analysis Batch: 38553

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38528

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	30.4		mg/Kg		122	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*236*		*15 - 150*

Lab Sample ID: 885-37630-1 MS
Matrix: Solid
Analysis Batch: 38553

Client Sample ID: WS25-01.2 0-1'
Prep Type: Total/NA
Prep Batch: 38528

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		24.9	27.0		mg/Kg		108	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*234*		*15 - 150*

Lab Sample ID: 885-37630-1 MSD
Matrix: Solid
Analysis Batch: 38553

Client Sample ID: WS25-01.2 0-1'
Prep Type: Total/NA
Prep Batch: 38528

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		24.8	30.9		mg/Kg		125	70 - 130	14	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*250*		*15 - 150*

Lab Sample ID: MB 885-38534/1-A
Matrix: Solid
Analysis Batch: 38541

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38534

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		11/15/25 14:33	11/16/25 14:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*15 - 150*	*11/15/25 14:33*	*11/16/25 14:22*	*1*

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

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

Lab Sample ID: LCS 885-38534/2-A
Matrix: Solid
Analysis Batch: 38541

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38534

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	29.1		mg/Kg		116	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*234*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-38528/1-A
Matrix: Solid
Analysis Batch: 38554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38528

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 10:41	11/17/25 11:52	1
Ethylbenzene	ND		0.050		mg/Kg		11/15/25 10:41	11/17/25 11:52	1
Toluene	ND		0.050		mg/Kg		11/15/25 10:41	11/17/25 11:52	1
Xylenes, Total	ND		0.10		mg/Kg		11/15/25 10:41	11/17/25 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*15 - 150*	*11/15/25 10:41*	*11/17/25 11:52*	*1*

Lab Sample ID: LCS 885-38528/3-A
Matrix: Solid
Analysis Batch: 38554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38528

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.884		mg/Kg		88	70 - 130		
Ethylbenzene			1.00	0.894		mg/Kg		89	70 - 130		
Toluene			1.00	0.889		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*15 - 150*

Lab Sample ID: 885-37630-2 MS
Matrix: Solid
Analysis Batch: 38554

Client Sample ID: WS25-02.1 0-1'
Prep Type: Total/NA
Prep Batch: 38528

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.996	1.02		mg/Kg		102	70 - 130		
Ethylbenzene	ND		0.996	1.05		mg/Kg		105	70 - 130		
Toluene	ND		0.996	1.02		mg/Kg		102	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*15 - 150*

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

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

Lab Sample ID: 885-37630-2 MSD
Matrix: Solid
Analysis Batch: 38554

Client Sample ID: WS25-02.1 0-1'
Prep Type: Total/NA
Prep Batch: 38528

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.997	0.905		mg/Kg		91	70 - 130	12	20
Ethylbenzene	ND		0.997	0.945		mg/Kg		95	70 - 130	10	20
Toluene	ND		0.997	0.922		mg/Kg		92	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*15 - 150*

Lab Sample ID: MB 885-38534/1-A
Matrix: Solid
Analysis Batch: 38542

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38534

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		11/15/25 14:33	11/16/25 14:22	1
Ethylbenzene	ND		0.050		mg/Kg		11/15/25 14:33	11/16/25 14:22	1
Toluene	ND		0.050		mg/Kg		11/15/25 14:33	11/16/25 14:22	1
Xylenes, Total	ND		0.10		mg/Kg		11/15/25 14:33	11/16/25 14:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*15 - 150*	*11/15/25 14:33*	*11/16/25 14:22*	*1*

Lab Sample ID: LCS 885-38534/3-A
Matrix: Solid
Analysis Batch: 38542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38534

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.906		mg/Kg		91	70 - 130		
Ethylbenzene			1.00	0.922		mg/Kg		92	70 - 130		
Toluene			1.00	0.914		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*15 - 150*

Lab Sample ID: 885-37630-21 MS
Matrix: Solid
Analysis Batch: 38542

Client Sample ID: WS25-63 1-3'
Prep Type: Total/NA
Prep Batch: 38534

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.973	1.04		mg/Kg		107	70 - 130		
Ethylbenzene	ND		0.973	1.05		mg/Kg		108	70 - 130		
Toluene	ND		0.973	1.04		mg/Kg		104	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*15 - 150*

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

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

Lab Sample ID: 885-37630-21 MSD
Matrix: Solid
Analysis Batch: 38542

Client Sample ID: WS25-63 1-3'
Prep Type: Total/NA
Prep Batch: 38534

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.973	1.02		mg/Kg		105	70 - 130	1	20
Ethylbenzene	ND		0.973	1.04		mg/Kg		107	70 - 130	0	20
Toluene	ND		0.973	1.04		mg/Kg		105	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*15 - 150*

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

Lab Sample ID: MB 885-38563/1-A
Matrix: Solid
Analysis Batch: 38552

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38563

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		11/17/25 10:23	11/17/25 13:31	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/17/25 10:23	11/17/25 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*72*		*62 - 134*	*11/17/25 10:23*	*11/17/25 13:31*	*1*

Lab Sample ID: LCS 885-38563/2-A
Matrix: Solid
Analysis Batch: 38552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38563

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	42.2		mg/Kg		84	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*70*		*62 - 134*

Lab Sample ID: 885-37630-20 MS
Matrix: Solid
Analysis Batch: 38552

Client Sample ID: WS25-62 1-3'
Prep Type: Total/NA
Prep Batch: 38563

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		49.2	45.3		mg/Kg		92	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*75*		*62 - 134*

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

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

Lab Sample ID: 885-37630-20 MSD — **Client Sample ID: WS25-62 1-3'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 38552 — **Prep Batch: 38563**

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		48.6	44.0		mg/Kg		90	44 - 136	3	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*

Lab Sample ID: MB 885-38573/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 38552 — **Prep Batch: 38573**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		11/17/25 10:24	11/17/25 18:40	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		11/17/25 10:24	11/17/25 18:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*74*		*62 - 134*	*11/17/25 10:24*	*11/17/25 18:40*	*1*

Lab Sample ID: LCS 885-38573/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 38552 — **Prep Batch: 38573**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	41.2		mg/Kg		82	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*73*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-38527/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 38543 — **Prep Batch: 38527**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		11/15/25 10:34	11/16/25 13:29	1

Lab Sample ID: LCS 885-38527/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 38543 — **Prep Batch: 38527**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	48.0		mg/Kg		96	90 - 110		

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-37630-1 MS
Matrix: Solid
Analysis Batch: 38543

Client Sample ID: WS25-01.2 0-1'
Prep Type: Total/NA
Prep Batch: 38527

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250		50.3	303	4	mg/Kg		101	50 - 150

Lab Sample ID: 885-37630-1 MSD
Matrix: Solid
Analysis Batch: 38543

Client Sample ID: WS25-01.2 0-1'
Prep Type: Total/NA
Prep Batch: 38527

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250		50.2	309	4	mg/Kg		112	50 - 150	2	20

Lab Sample ID: 885-37630-2 MS
Matrix: Solid
Analysis Batch: 38543

Client Sample ID: WS25-02.1 0-1'
Prep Type: Total/NA
Prep Batch: 38527

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	370		49.8	427	4	mg/Kg		119	50 - 150

Lab Sample ID: 885-37630-2 MSD
Matrix: Solid
Analysis Batch: 38543

Client Sample ID: WS25-02.1 0-1'
Prep Type: Total/NA
Prep Batch: 38527

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	370		49.2	395	4	mg/Kg		57	50 - 150	8	20

Lab Sample ID: MB 885-38539/1-A
Matrix: Solid
Analysis Batch: 38543

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38539

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.1		mg/Kg		11/16/25 11:30	11/16/25 13:40	1

Lab Sample ID: LCS 885-38539/2-A
Matrix: Solid
Analysis Batch: 38543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38539

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			50.7	49.3		mg/Kg		97	90 - 110

Lab Sample ID: 885-37630-21 MS
Matrix: Solid
Analysis Batch: 38543

Client Sample ID: WS25-63 1-3'
Prep Type: Total/NA
Prep Batch: 38539

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	140		50.7	183		mg/Kg		94	50 - 150

Lab Sample ID: 885-37630-21 MSD
Matrix: Solid
Analysis Batch: 38543

Client Sample ID: WS25-63 1-3'
Prep Type: Total/NA
Prep Batch: 38539

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	140		50.8	183		mg/Kg		92	50 - 150	0	20

QC Sample Results

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-37630-22 MS
Matrix: Solid
Analysis Batch: 38543

Client Sample ID: WS25-64 3-4'
Prep Type: Total/NA
Prep Batch: 38539

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	430		49.3	474	4	mg/Kg		96	50 - 150

Lab Sample ID: 885-37630-22 MSD
Matrix: Solid
Analysis Batch: 38543

Client Sample ID: WS25-64 3-4'
Prep Type: Total/NA
Prep Batch: 38539

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	430		50.7	471	4	mg/Kg		89	50 - 150	1	20

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

GC VOA

Prep Batch: 38528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-1	WS25-01.2 0-1'	Total/NA	Solid	5030C	
885-37630-2	WS25-02.1 0-1'	Total/NA	Solid	5030C	
885-37630-3	WS25-03.1 0-1'	Total/NA	Solid	5030C	
885-37630-4	WS25-06.1 0-4'	Total/NA	Solid	5030C	
885-37630-5	WS25-13.1 0-1'	Total/NA	Solid	5030C	
885-37630-6	WS25-18.1 1-3'	Total/NA	Solid	5030C	
885-37630-7	WS25-39 1-2'	Total/NA	Solid	5030C	
885-37630-8	WS25-43 1-2'	Total/NA	Solid	5030C	
885-37630-9	WS25-51 1-2'	Total/NA	Solid	5030C	
885-37630-10	WS25-52 1-2'	Total/NA	Solid	5030C	
885-37630-11	WS25-53 1-2'	Total/NA	Solid	5030C	
885-37630-12	WS25-54 1-2'	Total/NA	Solid	5030C	
885-37630-13	WS25-55 1-2'	Total/NA	Solid	5030C	
885-37630-14	WS25-56 1-2'	Total/NA	Solid	5030C	
885-37630-15	WS25-57 1-2'	Total/NA	Solid	5030C	
885-37630-16	WS25-58 1-3'	Total/NA	Solid	5030C	
885-37630-17	WS25-59 2.5-6'	Total/NA	Solid	5030C	
885-37630-18	WS25-60 2-6'	Total/NA	Solid	5030C	
885-37630-19	WS25-61 1-3'	Total/NA	Solid	5030C	
885-37630-20	WS25-62 1-3'	Total/NA	Solid	5030C	
MB 885-38528/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38528/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38528/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-37630-1 MS	WS25-01.2 0-1'	Total/NA	Solid	5030C	
885-37630-1 MSD	WS25-01.2 0-1'	Total/NA	Solid	5030C	
885-37630-2 MS	WS25-02.1 0-1'	Total/NA	Solid	5030C	
885-37630-2 MSD	WS25-02.1 0-1'	Total/NA	Solid	5030C	

Prep Batch: 38534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-21	WS25-63 1-3'	Total/NA	Solid	5030C	
885-37630-22	WS25-64 3-4'	Total/NA	Solid	5030C	
885-37630-23	WS25-65 2-5'	Total/NA	Solid	5030C	
885-37630-24	WS25-66 1-2'	Total/NA	Solid	5030C	
885-37630-25	WS25-67 1-2'	Total/NA	Solid	5030C	
885-37630-26	WS25-68 1-2'	Total/NA	Solid	5030C	
885-37630-27	WS25-69 1-2'	Total/NA	Solid	5030C	
885-37630-28	BS25-34 2.5'	Total/NA	Solid	5030C	
885-37630-29	BS25-69 3.0'	Total/NA	Solid	5030C	
885-37630-30	BS25-445 3.0'	Total/NA	Solid	5030C	
885-37630-31	BS25-71 1.5'	Total/NA	Solid	5030C	
885-37630-32	BS25-447 6.0'	Total/NA	Solid	5030C	
885-37630-33	BS25-446 1.0'	Total/NA	Solid	5030C	
885-37630-34	WS25-23.1 0-1'	Total/NA	Solid	5030C	
885-37630-35	BS25-277 2.25'	Total/NA	Solid	5030C	
885-37630-36	BS25-297 2.25'	Total/NA	Solid	5030C	
885-37630-37	WS25-10.1 1-8'	Total/NA	Solid	5030C	
MB 885-38534/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-38534/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-38534/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-37630-21 MS	WS25-63 1-3'	Total/NA	Solid	5030C	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

GC VOA (Continued)

Prep Batch: 38534 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-21 MSD	WS25-63 1-3'	Total/NA	Solid	5030C	

Analysis Batch: 38541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-21	WS25-63 1-3'	Total/NA	Solid	8015M/D	38534
885-37630-22	WS25-64 3-4'	Total/NA	Solid	8015M/D	38534
885-37630-23	WS25-65 2-5'	Total/NA	Solid	8015M/D	38534
885-37630-24	WS25-66 1-2'	Total/NA	Solid	8015M/D	38534
885-37630-25	WS25-67 1-2'	Total/NA	Solid	8015M/D	38534
885-37630-26	WS25-68 1-2'	Total/NA	Solid	8015M/D	38534
885-37630-27	WS25-69 1-2'	Total/NA	Solid	8015M/D	38534
885-37630-28	BS25-34 2.5'	Total/NA	Solid	8015M/D	38534
885-37630-29	BS25-69 3.0'	Total/NA	Solid	8015M/D	38534
885-37630-30	BS25-445 3.0'	Total/NA	Solid	8015M/D	38534
885-37630-31	BS25-71 1.5'	Total/NA	Solid	8015M/D	38534
885-37630-32	BS25-447 6.0'	Total/NA	Solid	8015M/D	38534
885-37630-33	BS25-446 1.0'	Total/NA	Solid	8015M/D	38534
885-37630-34	WS25-23.1 0-1'	Total/NA	Solid	8015M/D	38534
885-37630-35	BS25-277 2.25'	Total/NA	Solid	8015M/D	38534
885-37630-36	BS25-297 2.25'	Total/NA	Solid	8015M/D	38534
885-37630-37	WS25-10.1 1-8'	Total/NA	Solid	8015M/D	38534
MB 885-38534/1-A	Method Blank	Total/NA	Solid	8015M/D	38534
LCS 885-38534/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38534

Analysis Batch: 38542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-21	WS25-63 1-3'	Total/NA	Solid	8021B	38534
885-37630-22	WS25-64 3-4'	Total/NA	Solid	8021B	38534
885-37630-23	WS25-65 2-5'	Total/NA	Solid	8021B	38534
885-37630-24	WS25-66 1-2'	Total/NA	Solid	8021B	38534
885-37630-25	WS25-67 1-2'	Total/NA	Solid	8021B	38534
885-37630-26	WS25-68 1-2'	Total/NA	Solid	8021B	38534
885-37630-27	WS25-69 1-2'	Total/NA	Solid	8021B	38534
885-37630-28	BS25-34 2.5'	Total/NA	Solid	8021B	38534
885-37630-29	BS25-69 3.0'	Total/NA	Solid	8021B	38534
885-37630-30	BS25-445 3.0'	Total/NA	Solid	8021B	38534
885-37630-31	BS25-71 1.5'	Total/NA	Solid	8021B	38534
885-37630-32	BS25-447 6.0'	Total/NA	Solid	8021B	38534
885-37630-33	BS25-446 1.0'	Total/NA	Solid	8021B	38534
885-37630-34	WS25-23.1 0-1'	Total/NA	Solid	8021B	38534
885-37630-35	BS25-277 2.25'	Total/NA	Solid	8021B	38534
885-37630-36	BS25-297 2.25'	Total/NA	Solid	8021B	38534
885-37630-37	WS25-10.1 1-8'	Total/NA	Solid	8021B	38534
MB 885-38534/1-A	Method Blank	Total/NA	Solid	8021B	38534
LCS 885-38534/3-A	Lab Control Sample	Total/NA	Solid	8021B	38534
885-37630-21 MS	WS25-63 1-3'	Total/NA	Solid	8021B	38534
885-37630-21 MSD	WS25-63 1-3'	Total/NA	Solid	8021B	38534

Analysis Batch: 38553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-1	WS25-01.2 0-1'	Total/NA	Solid	8015M/D	38528

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

GC VOA (Continued)

Analysis Batch: 38553 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-2	WS25-02.1 0-1'	Total/NA	Solid	8015M/D	38528
885-37630-3	WS25-03.1 0-1'	Total/NA	Solid	8015M/D	38528
885-37630-4	WS25-06.1 0-4'	Total/NA	Solid	8015M/D	38528
885-37630-5	WS25-13.1 0-1'	Total/NA	Solid	8015M/D	38528
885-37630-6	WS25-18.1 1-3'	Total/NA	Solid	8015M/D	38528
885-37630-7	WS25-39 1-2'	Total/NA	Solid	8015M/D	38528
885-37630-8	WS25-43 1-2'	Total/NA	Solid	8015M/D	38528
885-37630-9	WS25-51 1-2'	Total/NA	Solid	8015M/D	38528
885-37630-10	WS25-52 1-2'	Total/NA	Solid	8015M/D	38528
885-37630-11	WS25-53 1-2'	Total/NA	Solid	8015M/D	38528
885-37630-12	WS25-54 1-2'	Total/NA	Solid	8015M/D	38528
885-37630-13	WS25-55 1-2'	Total/NA	Solid	8015M/D	38528
885-37630-14	WS25-56 1-2'	Total/NA	Solid	8015M/D	38528
885-37630-15	WS25-57 1-2'	Total/NA	Solid	8015M/D	38528
885-37630-16	WS25-58 1-3'	Total/NA	Solid	8015M/D	38528
885-37630-17	WS25-59 2.5-6'	Total/NA	Solid	8015M/D	38528
885-37630-18	WS25-60 2-6'	Total/NA	Solid	8015M/D	38528
885-37630-19	WS25-61 1-3'	Total/NA	Solid	8015M/D	38528
885-37630-20	WS25-62 1-3'	Total/NA	Solid	8015M/D	38528
MB 885-38528/1-A	Method Blank	Total/NA	Solid	8015M/D	38528
LCS 885-38528/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38528
885-37630-1 MS	WS25-01.2 0-1'	Total/NA	Solid	8015M/D	38528
885-37630-1 MSD	WS25-01.2 0-1'	Total/NA	Solid	8015M/D	38528

Analysis Batch: 38554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-1	WS25-01.2 0-1'	Total/NA	Solid	8021B	38528
885-37630-2	WS25-02.1 0-1'	Total/NA	Solid	8021B	38528
885-37630-3	WS25-03.1 0-1'	Total/NA	Solid	8021B	38528
885-37630-4	WS25-06.1 0-4'	Total/NA	Solid	8021B	38528
885-37630-5	WS25-13.1 0-1'	Total/NA	Solid	8021B	38528
885-37630-6	WS25-18.1 1-3'	Total/NA	Solid	8021B	38528
885-37630-7	WS25-39 1-2'	Total/NA	Solid	8021B	38528
885-37630-8	WS25-43 1-2'	Total/NA	Solid	8021B	38528
885-37630-9	WS25-51 1-2'	Total/NA	Solid	8021B	38528
885-37630-10	WS25-52 1-2'	Total/NA	Solid	8021B	38528
885-37630-11	WS25-53 1-2'	Total/NA	Solid	8021B	38528
885-37630-12	WS25-54 1-2'	Total/NA	Solid	8021B	38528
885-37630-13	WS25-55 1-2'	Total/NA	Solid	8021B	38528
885-37630-14	WS25-56 1-2'	Total/NA	Solid	8021B	38528
885-37630-15	WS25-57 1-2'	Total/NA	Solid	8021B	38528
885-37630-16	WS25-58 1-3'	Total/NA	Solid	8021B	38528
885-37630-17	WS25-59 2.5-6'	Total/NA	Solid	8021B	38528
885-37630-18	WS25-60 2-6'	Total/NA	Solid	8021B	38528
885-37630-19	WS25-61 1-3'	Total/NA	Solid	8021B	38528
885-37630-20	WS25-62 1-3'	Total/NA	Solid	8021B	38528
MB 885-38528/1-A	Method Blank	Total/NA	Solid	8021B	38528
LCS 885-38528/3-A	Lab Control Sample	Total/NA	Solid	8021B	38528
885-37630-2 MS	WS25-02.1 0-1'	Total/NA	Solid	8021B	38528
885-37630-2 MSD	WS25-02.1 0-1'	Total/NA	Solid	8021B	38528

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

GC Semi VOA

Analysis Batch: 38552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-1	WS25-01.2 0-1'	Total/NA	Solid	8015M/D	38563
885-37630-2	WS25-02.1 0-1'	Total/NA	Solid	8015M/D	38563
885-37630-3	WS25-03.1 0-1'	Total/NA	Solid	8015M/D	38563
885-37630-4	WS25-06.1 0-4'	Total/NA	Solid	8015M/D	38563
885-37630-5	WS25-13.1 0-1'	Total/NA	Solid	8015M/D	38563
885-37630-6	WS25-18.1 1-3'	Total/NA	Solid	8015M/D	38563
885-37630-7	WS25-39 1-2'	Total/NA	Solid	8015M/D	38563
885-37630-8	WS25-43 1-2'	Total/NA	Solid	8015M/D	38563
885-37630-9	WS25-51 1-2'	Total/NA	Solid	8015M/D	38563
885-37630-10	WS25-52 1-2'	Total/NA	Solid	8015M/D	38563
885-37630-11	WS25-53 1-2'	Total/NA	Solid	8015M/D	38563
885-37630-12	WS25-54 1-2'	Total/NA	Solid	8015M/D	38563
885-37630-13	WS25-55 1-2'	Total/NA	Solid	8015M/D	38563
885-37630-14	WS25-56 1-2'	Total/NA	Solid	8015M/D	38563
885-37630-15	WS25-57 1-2'	Total/NA	Solid	8015M/D	38563
885-37630-16	WS25-58 1-3'	Total/NA	Solid	8015M/D	38563
885-37630-17	WS25-59 2.5-6'	Total/NA	Solid	8015M/D	38563
885-37630-18	WS25-60 2-6'	Total/NA	Solid	8015M/D	38563
885-37630-19	WS25-61 1-3'	Total/NA	Solid	8015M/D	38563
885-37630-20	WS25-62 1-3'	Total/NA	Solid	8015M/D	38563
885-37630-21	WS25-63 1-3'	Total/NA	Solid	8015M/D	38573
885-37630-22	WS25-64 3-4'	Total/NA	Solid	8015M/D	38573
885-37630-23	WS25-65 2-5'	Total/NA	Solid	8015M/D	38573
885-37630-24	WS25-66 1-2'	Total/NA	Solid	8015M/D	38573
885-37630-25	WS25-67 1-2'	Total/NA	Solid	8015M/D	38573
885-37630-26	WS25-68 1-2'	Total/NA	Solid	8015M/D	38573
885-37630-27	WS25-69 1-2'	Total/NA	Solid	8015M/D	38573
885-37630-28	BS25-34 2.5'	Total/NA	Solid	8015M/D	38573
885-37630-29	BS25-69 3.0'	Total/NA	Solid	8015M/D	38573
885-37630-30	BS25-445 3.0'	Total/NA	Solid	8015M/D	38573
885-37630-31	BS25-71 1.5'	Total/NA	Solid	8015M/D	38573
885-37630-32	BS25-447 6.0'	Total/NA	Solid	8015M/D	38573
885-37630-33	BS25-446 1.0'	Total/NA	Solid	8015M/D	38573
885-37630-34	WS25-23.1 0-1'	Total/NA	Solid	8015M/D	38573
885-37630-35	BS25-277 2.25'	Total/NA	Solid	8015M/D	38573
885-37630-36	BS25-297 2.25'	Total/NA	Solid	8015M/D	38573
885-37630-37	WS25-10.1 1-8'	Total/NA	Solid	8015M/D	38573
MB 885-38563/1-A	Method Blank	Total/NA	Solid	8015M/D	38563
MB 885-38573/1-A	Method Blank	Total/NA	Solid	8015M/D	38573
LCS 885-38563/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38563
LCS 885-38573/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	38573
885-37630-20 MS	WS25-62 1-3'	Total/NA	Solid	8015M/D	38563
885-37630-20 MSD	WS25-62 1-3'	Total/NA	Solid	8015M/D	38563

Prep Batch: 38563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-1	WS25-01.2 0-1'	Total/NA	Solid	SHAKE	
885-37630-2	WS25-02.1 0-1'	Total/NA	Solid	SHAKE	
885-37630-3	WS25-03.1 0-1'	Total/NA	Solid	SHAKE	
885-37630-4	WS25-06.1 0-4'	Total/NA	Solid	SHAKE	
885-37630-5	WS25-13.1 0-1'	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

GC Semi VOA (Continued)

Prep Batch: 38563 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-6	WS25-18.1 1-3'	Total/NA	Solid	SHAKE	
885-37630-7	WS25-39 1-2'	Total/NA	Solid	SHAKE	
885-37630-8	WS25-43 1-2'	Total/NA	Solid	SHAKE	
885-37630-9	WS25-51 1-2'	Total/NA	Solid	SHAKE	
885-37630-10	WS25-52 1-2'	Total/NA	Solid	SHAKE	
885-37630-11	WS25-53 1-2'	Total/NA	Solid	SHAKE	
885-37630-12	WS25-54 1-2'	Total/NA	Solid	SHAKE	
885-37630-13	WS25-55 1-2'	Total/NA	Solid	SHAKE	
885-37630-14	WS25-56 1-2'	Total/NA	Solid	SHAKE	
885-37630-15	WS25-57 1-2'	Total/NA	Solid	SHAKE	
885-37630-16	WS25-58 1-3'	Total/NA	Solid	SHAKE	
885-37630-17	WS25-59 2.5-6'	Total/NA	Solid	SHAKE	
885-37630-18	WS25-60 2-6'	Total/NA	Solid	SHAKE	
885-37630-19	WS25-61 1-3'	Total/NA	Solid	SHAKE	
885-37630-20	WS25-62 1-3'	Total/NA	Solid	SHAKE	
MB 885-38563/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38563/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-37630-20 MS	WS25-62 1-3'	Total/NA	Solid	SHAKE	
885-37630-20 MSD	WS25-62 1-3'	Total/NA	Solid	SHAKE	

Prep Batch: 38573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-21	WS25-63 1-3'	Total/NA	Solid	SHAKE	
885-37630-22	WS25-64 3-4'	Total/NA	Solid	SHAKE	
885-37630-23	WS25-65 2-5'	Total/NA	Solid	SHAKE	
885-37630-24	WS25-66 1-2'	Total/NA	Solid	SHAKE	
885-37630-25	WS25-67 1-2'	Total/NA	Solid	SHAKE	
885-37630-26	WS25-68 1-2'	Total/NA	Solid	SHAKE	
885-37630-27	WS25-69 1-2'	Total/NA	Solid	SHAKE	
885-37630-28	BS25-34 2.5'	Total/NA	Solid	SHAKE	
885-37630-29	BS25-69 3.0'	Total/NA	Solid	SHAKE	
885-37630-30	BS25-445 3.0'	Total/NA	Solid	SHAKE	
885-37630-31	BS25-71 1.5'	Total/NA	Solid	SHAKE	
885-37630-32	BS25-447 6.0'	Total/NA	Solid	SHAKE	
885-37630-33	BS25-446 1.0'	Total/NA	Solid	SHAKE	
885-37630-34	WS25-23.1 0-1'	Total/NA	Solid	SHAKE	
885-37630-35	BS25-277 2.25'	Total/NA	Solid	SHAKE	
885-37630-36	BS25-297 2.25'	Total/NA	Solid	SHAKE	
885-37630-37	WS25-10.1 1-8'	Total/NA	Solid	SHAKE	
MB 885-38573/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-38573/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 38527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-1	WS25-01.2 0-1'	Total/NA	Solid	300_Prep	
885-37630-2	WS25-02.1 0-1'	Total/NA	Solid	300_Prep	
885-37630-3	WS25-03.1 0-1'	Total/NA	Solid	300_Prep	
885-37630-4	WS25-06.1 0-4'	Total/NA	Solid	300_Prep	
885-37630-5	WS25-13.1 0-1'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

HPLC/IC (Continued)

Prep Batch: 38527 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-6	WS25-18.1 1-3'	Total/NA	Solid	300_Prep	
885-37630-7	WS25-39 1-2'	Total/NA	Solid	300_Prep	
885-37630-8	WS25-43 1-2'	Total/NA	Solid	300_Prep	
885-37630-9	WS25-51 1-2'	Total/NA	Solid	300_Prep	
885-37630-10	WS25-52 1-2'	Total/NA	Solid	300_Prep	
885-37630-11	WS25-53 1-2'	Total/NA	Solid	300_Prep	
885-37630-12	WS25-54 1-2'	Total/NA	Solid	300_Prep	
885-37630-13	WS25-55 1-2'	Total/NA	Solid	300_Prep	
885-37630-14	WS25-56 1-2'	Total/NA	Solid	300_Prep	
885-37630-15	WS25-57 1-2'	Total/NA	Solid	300_Prep	
885-37630-16	WS25-58 1-3'	Total/NA	Solid	300_Prep	
885-37630-17	WS25-59 2.5-6'	Total/NA	Solid	300_Prep	
885-37630-18	WS25-60 2-6'	Total/NA	Solid	300_Prep	
885-37630-19	WS25-61 1-3'	Total/NA	Solid	300_Prep	
885-37630-20	WS25-62 1-3'	Total/NA	Solid	300_Prep	
MB 885-38527/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38527/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-37630-1 MS	WS25-01.2 0-1'	Total/NA	Solid	300_Prep	
885-37630-1 MSD	WS25-01.2 0-1'	Total/NA	Solid	300_Prep	
885-37630-2 MS	WS25-02.1 0-1'	Total/NA	Solid	300_Prep	
885-37630-2 MSD	WS25-02.1 0-1'	Total/NA	Solid	300_Prep	

Prep Batch: 38539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-21	WS25-63 1-3'	Total/NA	Solid	300_Prep	
885-37630-22	WS25-64 3-4'	Total/NA	Solid	300_Prep	
885-37630-23	WS25-65 2-5'	Total/NA	Solid	300_Prep	
885-37630-24	WS25-66 1-2'	Total/NA	Solid	300_Prep	
885-37630-25	WS25-67 1-2'	Total/NA	Solid	300_Prep	
885-37630-26	WS25-68 1-2'	Total/NA	Solid	300_Prep	
885-37630-27	WS25-69 1-2'	Total/NA	Solid	300_Prep	
885-37630-28	BS25-34 2.5'	Total/NA	Solid	300_Prep	
885-37630-29	BS25-69 3.0'	Total/NA	Solid	300_Prep	
885-37630-30	BS25-445 3.0'	Total/NA	Solid	300_Prep	
885-37630-31	BS25-71 1.5'	Total/NA	Solid	300_Prep	
885-37630-32	BS25-447 6.0'	Total/NA	Solid	300_Prep	
885-37630-33	BS25-446 1.0'	Total/NA	Solid	300_Prep	
885-37630-34	WS25-23.1 0-1'	Total/NA	Solid	300_Prep	
885-37630-35	BS25-277 2.25'	Total/NA	Solid	300_Prep	
885-37630-36	BS25-297 2.25'	Total/NA	Solid	300_Prep	
885-37630-37	WS25-10.1 1-8'	Total/NA	Solid	300_Prep	
MB 885-38539/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-38539/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-37630-21 MS	WS25-63 1-3'	Total/NA	Solid	300_Prep	
885-37630-21 MSD	WS25-63 1-3'	Total/NA	Solid	300_Prep	
885-37630-22 MS	WS25-64 3-4'	Total/NA	Solid	300_Prep	
885-37630-22 MSD	WS25-64 3-4'	Total/NA	Solid	300_Prep	

Analysis Batch: 38543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-1	WS25-01.2 0-1'	Total/NA	Solid	300.0	38527

QC Association Summary

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

HPLC/IC (Continued)

Analysis Batch: 38543 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37630-2	WS25-02.1 0-1'	Total/NA	Solid	300.0	38527
885-37630-3	WS25-03.1 0-1'	Total/NA	Solid	300.0	38527
885-37630-4	WS25-06.1 0-4'	Total/NA	Solid	300.0	38527
885-37630-5	WS25-13.1 0-1'	Total/NA	Solid	300.0	38527
885-37630-6	WS25-18.1 1-3'	Total/NA	Solid	300.0	38527
885-37630-7	WS25-39 1-2'	Total/NA	Solid	300.0	38527
885-37630-8	WS25-43 1-2'	Total/NA	Solid	300.0	38527
885-37630-9	WS25-51 1-2'	Total/NA	Solid	300.0	38527
885-37630-10	WS25-52 1-2'	Total/NA	Solid	300.0	38527
885-37630-11	WS25-53 1-2'	Total/NA	Solid	300.0	38527
885-37630-12	WS25-54 1-2'	Total/NA	Solid	300.0	38527
885-37630-13	WS25-55 1-2'	Total/NA	Solid	300.0	38527
885-37630-14	WS25-56 1-2'	Total/NA	Solid	300.0	38527
885-37630-15	WS25-57 1-2'	Total/NA	Solid	300.0	38527
885-37630-16	WS25-58 1-3'	Total/NA	Solid	300.0	38527
885-37630-17	WS25-59 2.5-6'	Total/NA	Solid	300.0	38527
885-37630-18	WS25-60 2-6'	Total/NA	Solid	300.0	38527
885-37630-19	WS25-61 1-3'	Total/NA	Solid	300.0	38527
885-37630-20	WS25-62 1-3'	Total/NA	Solid	300.0	38527
885-37630-21	WS25-63 1-3'	Total/NA	Solid	300.0	38539
885-37630-22	WS25-64 3-4'	Total/NA	Solid	300.0	38539
885-37630-23	WS25-65 2-5'	Total/NA	Solid	300.0	38539
885-37630-24	WS25-66 1-2'	Total/NA	Solid	300.0	38539
885-37630-25	WS25-67 1-2'	Total/NA	Solid	300.0	38539
885-37630-26	WS25-68 1-2'	Total/NA	Solid	300.0	38539
885-37630-27	WS25-69 1-2'	Total/NA	Solid	300.0	38539
885-37630-28	BS25-34 2.5'	Total/NA	Solid	300.0	38539
885-37630-29	BS25-69 3.0'	Total/NA	Solid	300.0	38539
885-37630-30	BS25-445 3.0'	Total/NA	Solid	300.0	38539
885-37630-31	BS25-71 1.5'	Total/NA	Solid	300.0	38539
885-37630-32	BS25-447 6.0'	Total/NA	Solid	300.0	38539
885-37630-33	BS25-446 1.0'	Total/NA	Solid	300.0	38539
885-37630-34	WS25-23.1 0-1'	Total/NA	Solid	300.0	38539
885-37630-35	BS25-277 2.25'	Total/NA	Solid	300.0	38539
885-37630-36	BS25-297 2.25'	Total/NA	Solid	300.0	38539
885-37630-37	WS25-10.1 1-8'	Total/NA	Solid	300.0	38539
MB 885-38527/1-A	Method Blank	Total/NA	Solid	300.0	38527
MB 885-38539/1-A	Method Blank	Total/NA	Solid	300.0	38539
LCS 885-38527/2-A	Lab Control Sample	Total/NA	Solid	300.0	38527
LCS 885-38539/2-A	Lab Control Sample	Total/NA	Solid	300.0	38539
885-37630-1 MS	WS25-01.2 0-1'	Total/NA	Solid	300.0	38527
885-37630-1 MSD	WS25-01.2 0-1'	Total/NA	Solid	300.0	38527
885-37630-2 MS	WS25-02.1 0-1'	Total/NA	Solid	300.0	38527
885-37630-2 MSD	WS25-02.1 0-1'	Total/NA	Solid	300.0	38527
885-37630-21 MS	WS25-63 1-3'	Total/NA	Solid	300.0	38539
885-37630-21 MSD	WS25-63 1-3'	Total/NA	Solid	300.0	38539
885-37630-22 MS	WS25-64 3-4'	Total/NA	Solid	300.0	38539
885-37630-22 MSD	WS25-64 3-4'	Total/NA	Solid	300.0	38539

Lab Chronicle

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

Client Sample ID: WS25-01.2 0-1'
Lab Sample ID: 885-37630-1
Date Collected: 11/11/25 10:05
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 12:16
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 12:16
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 13:54
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 14:02

Client Sample ID: WS25-02.1 0-1'
Lab Sample ID: 885-37630-2
Date Collected: 11/11/25 10:10
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 13:29
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 13:29
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 14:05
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 14:33

Client Sample ID: WS25-03.1 0-1'
Lab Sample ID: 885-37630-3
Date Collected: 11/11/25 10:15
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 14:41
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 14:41
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 14:17
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 15:25

Client Sample ID: WS25-06.1 0-4'
Lab Sample ID: 885-37630-4
Date Collected: 11/11/25 10:20
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 15:05

Lab Chronicle

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

Client Sample ID: WS25-06.1 0-4'
Lab Sample ID: 885-37630-4
Date Collected: 11/11/25 10:20
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 15:05
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 14:28
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 15:35

Client Sample ID: WS25-13.1 0-1'
Lab Sample ID: 885-37630-5
Date Collected: 11/11/25 10:25
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 15:29
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 15:29
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 14:40
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 15:46

Client Sample ID: WS25-18.1 1-3'
Lab Sample ID: 885-37630-6
Date Collected: 11/11/25 10:30
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 15:53
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 15:53
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 14:51
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 15:56

Client Sample ID: WS25-39 1-2'
Lab Sample ID: 885-37630-7
Date Collected: 11/11/25 10:40
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 16:18
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 16:18

Lab Chronicle

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

Client Sample ID: WS25-39 1-2'
Lab Sample ID: 885-37630-7
Date Collected: 11/11/25 10:40
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 15:03
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 16:06

Client Sample ID: WS25-43 1-2'
Lab Sample ID: 885-37630-8
Date Collected: 11/11/25 10:45
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 16:42
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 16:42
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 15:14
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 16:17

Client Sample ID: WS25-51 1-2'
Lab Sample ID: 885-37630-9
Date Collected: 11/11/25 10:55
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 17:06
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 17:06
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 15:37
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 16:27

Client Sample ID: WS25-52 1-2'
Lab Sample ID: 885-37630-10
Date Collected: 11/11/25 11:00
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 17:31
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 17:31
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 15:49

Lab Chronicle

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

Client Sample ID: WS25-52 1-2'
Lab Sample ID: 885-37630-10
Date Collected: 11/11/25 11:00
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 16:37

Client Sample ID: WS25-53 1-2'
Lab Sample ID: 885-37630-11
Date Collected: 11/11/25 11:05
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 18:20
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 18:20
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 16:00
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 16:48

Client Sample ID: WS25-54 1-2'
Lab Sample ID: 885-37630-12
Date Collected: 11/11/25 11:10
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 18:44
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 18:44
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 16:11
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 16:58

Client Sample ID: WS25-55 1-2'
Lab Sample ID: 885-37630-13
Date Collected: 11/11/25 11:15
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 19:08
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 19:08
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 16:23
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 17:29

Lab Chronicle

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

Client Sample ID: WS25-56 1-2'
Lab Sample ID: 885-37630-14
Date Collected: 11/11/25 11:20
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 19:33
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 19:33
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 16:34
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 17:39

Client Sample ID: WS25-57 1-2'
Lab Sample ID: 885-37630-15
Date Collected: 11/11/25 11:25
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 19:57
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 19:57
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 16:46
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 17:50

Client Sample ID: WS25-58 1-3'
Lab Sample ID: 885-37630-16
Date Collected: 11/11/25 11:35
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 20:21
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 20:21
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 16:57
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 18:00

Client Sample ID: WS25-59 2.5-6'
Lab Sample ID: 885-37630-17
Date Collected: 11/11/25 11:40
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 20:46

Lab Chronicle

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

Client Sample ID: WS25-59 2.5-6'
Lab Sample ID: 885-37630-17
Date Collected: 11/11/25 11:40
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 20:46
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 17:08
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 18:10

Client Sample ID: WS25-60 2-6'
Lab Sample ID: 885-37630-18
Date Collected: 11/11/25 11:45
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 21:10
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 21:10
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 17:20
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 18:21

Client Sample ID: WS25-61 1-3'
Lab Sample ID: 885-37630-19
Date Collected: 11/11/25 11:50
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 21:34
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 21:34
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 17:43
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 18:31

Client Sample ID: WS25-62 1-3'
Lab Sample ID: 885-37630-20
Date Collected: 11/11/25 11:55
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8015M/D		1	38553	VP	EET ALB	11/17/25 21:58
Total/NA	Prep	5030C			38528	AT	EET ALB	11/15/25 10:41
Total/NA	Analysis	8021B		1	38554	VP	EET ALB	11/17/25 21:58

Lab Chronicle

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

Client Sample ID: WS25-62 1-3'
Lab Sample ID: 885-37630-20
Date Collected: 11/11/25 11:55
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			38563	BV	EET ALB	11/17/25 10:23
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 17:54
Total/NA	Prep	300_Prep			38527	JT	EET ALB	11/15/25 10:34
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 18:41

Client Sample ID: WS25-63 1-3'
Lab Sample ID: 885-37630-21
Date Collected: 11/11/25 12:40
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 15:56
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 15:56
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 19:02
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 18:52

Client Sample ID: WS25-64 3-4'
Lab Sample ID: 885-37630-22
Date Collected: 11/11/25 12:45
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 17:07
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 17:07
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 19:14
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 19:44

Client Sample ID: WS25-65 2-5'
Lab Sample ID: 885-37630-23
Date Collected: 11/11/25 12:50
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 17:31
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 17:31
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 19:25

Lab Chronicle

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

Client Sample ID: WS25-65 2-5'
Lab Sample ID: 885-37630-23
Date Collected: 11/11/25 12:50
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 20:15

Client Sample ID: WS25-66 1-2'
Lab Sample ID: 885-37630-24
Date Collected: 11/11/25 12:55
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 17:55
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 17:55
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 19:36
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 20:25

Client Sample ID: WS25-67 1-2'
Lab Sample ID: 885-37630-25
Date Collected: 11/11/25 13:00
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 18:18
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 18:18
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 19:48
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 20:35

Client Sample ID: WS25-68 1-2'
Lab Sample ID: 885-37630-26
Date Collected: 11/11/25 13:05
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 18:42
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 18:42
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 19:59
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 20:46

Lab Chronicle

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

Client Sample ID: WS25-69 1-2'
Lab Sample ID: 885-37630-27
Date Collected: 11/11/25 13:10
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 19:06
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 19:06
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 20:11
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 20:56

Client Sample ID: BS25-34 2.5'
Lab Sample ID: 885-37630-28
Date Collected: 11/11/25 13:25
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 19:30
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 19:30
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 20:22
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 21:27

Client Sample ID: BS25-69 3.0'
Lab Sample ID: 885-37630-29
Date Collected: 11/11/25 13:30
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 19:54
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 19:54
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 20:45
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 21:37

Client Sample ID: BS25-445 3.0'
Lab Sample ID: 885-37630-30
Date Collected: 11/11/25 13:35
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 20:41

Lab Chronicle

Client: Vertex
Project/Site: Padron AST

Job ID: 885-37630-1

Client Sample ID: BS25-445 3.0'
Lab Sample ID: 885-37630-30
Date Collected: 11/11/25 13:35
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 20:41
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 20:56
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 21:48

Client Sample ID: BS25-71 1.5'
Lab Sample ID: 885-37630-31
Date Collected: 11/11/25 13:40
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 21:05
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 21:05
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 21:07
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 21:58

Client Sample ID: BS25-447 6.0'
Lab Sample ID: 885-37630-32
Date Collected: 11/11/25 13:45
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 21:29
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 21:29
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 21:19
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 22:08

Client Sample ID: BS25-446 1.0'
Lab Sample ID: 885-37630-33
Date Collected: 11/11/25 14:00
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 21:53
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 21:53

Lab Chronicle

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

Client Sample ID: BS25-446 1.0'
Lab Sample ID: 885-37630-33
Date Collected: 11/11/25 14:00
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 21:30
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 22:19

Client Sample ID: WS25-23.1 0-1'
Lab Sample ID: 885-37630-34
Date Collected: 11/11/25 12:10
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 22:17
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 22:17
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 21:41
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 22:29

Client Sample ID: BS25-277 2.25'
Lab Sample ID: 885-37630-35
Date Collected: 11/11/25 12:15
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 22:41
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 22:41
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 21:53
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 22:39

Client Sample ID: BS25-297 2.25'
Lab Sample ID: 885-37630-36
Date Collected: 11/11/25 12:20
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 23:05
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 23:05
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 22:04

Lab Chronicle

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

Client Sample ID: BS25-297 2.25'
Lab Sample ID: 885-37630-36
Date Collected: 11/11/25 12:20
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 22:50

Client Sample ID: WS25-10.1 1-8'
Lab Sample ID: 885-37630-37
Date Collected: 11/11/25 15:00
Matrix: Solid
Date Received: 11/13/25 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8015M/D		1	38541	VP	EET ALB	11/16/25 23:29
Total/NA	Prep	5030C			38534	AT	EET ALB	11/15/25 14:33
Total/NA	Analysis	8021B		1	38542	VP	EET ALB	11/16/25 23:29
Total/NA	Prep	SHAKE			38573	BV	EET ALB	11/17/25 10:24
Total/NA	Analysis	8015M/D		1	38552	BV	EET ALB	11/17/25 22:15
Total/NA	Prep	300_Prep			38539	JT	EET ALB	11/16/25 11:30
Total/NA	Analysis	300.0		10	38543	JT	EET ALB	11/16/25 23:00

Laboratory References:

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

Accreditation/Certification Summary

Client: Vertex
Job ID: 885-37630-1
Project/Site: Padron AST

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: 2/19/2026 3:49:38 PM
Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to EOG Resouces Inc, Chase Settle)

Mailing Address: 3101 Boyd Dr

On file

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other_____

☐ EDD (Type) _____

Turn-Around Time: 4 Day

X Standard ☑ **Rush-5 day**

Project Name:

Padron AST

Project #:

25A-03091

Project Manager:

Chance Dixon

cdixon@vertexresource.com

Sampler: AL

On Ice: ☑ Yes ☐ No Abby

# of Coolers: 1

Cooler Temp(including CF): 1.1 +0.3 = 1.4 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 8710

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

885-37630 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)
11.11.25	10:05	Soil	WS25-01.2 0-1'	1, 4oz jar	Ice		X	X					X			
11.11.25	10:10	Soil	WS25-02.1 0-1'	1, 4oz jar	Ice		X	X					X			
11.11.25	10:15	Soil	WS25-03.1 0-1'	1, 4oz jar	Ice		X	X					X			
11.11.25	10:20	Soil	WS25-06.1 0-4'	1, 4oz jar	Ice		X	X					X			
11.11.25	10:25	Soil	WS25-13.1 0-1'	1, 4oz jar	Ice		X	X					X			
11.11.25	10:30	Soil	WS25-18.1 1-3'	1, 4oz jar	Ice		X	X					X			
11.11.25	10:40	Soil	WS25-39 1- 2'	1, 4oz jar	Ice		X	X					X			
11.11.25	10:45	Soil	WS25-43 1- 2'	1, 4oz jar	Ice		X	X					X			
11.11.25	10:55	Soil	WS25-51 1- 2'	1, 4oz jar	Ice		X	X					X			
11.11.25	11:00	Soil	WS25-52 1- 2'	1, 4oz jar	Ice		X	X					X			
11.11.25	11:05	Soil	WS25-53 1- 2'	1, 4oz jar	Ice		X	X					X			
11.11.25	11:10	Soil	WS25-54 1- 2'	1, 4oz jar	Ice		X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/12/25	815
Date: 11/12/25	Time: 1910	Relinquished by:	Received by:	Via:	Date: 11/13/25	Time: 7:20

Remarks: Direct Bill to EOG, ATTN: Chase Settle
cc. permian@vertexresource.com, cdixon@vertexresource.com and ALudvik@vertexresource.com for Final Report

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: 2/19/2026 3:49:38 PM
Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to EOG Resouces Inc, Chase Settle)

Mailing Address: 3101 Boyd Dr

On file

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other_____

☐ EDD (Type) _____

Turn-Around Time: 4 Day

X Standard ☑ **Rush-5 day**

Project Name:

Padron AST

Project #:

25A-03091

Project Manager:

Chance Dixon

cdixon@vertexresource.com

Sampler: AL

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 1.1+0.3=1.4°c

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	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)
11.11.25	11:15	Soil	WS25-55 1-2;	1, 4oz jar	Ice		X	X					X			
11.11.25	11:20	Soil	WS25-56 1-2'	1, 4oz jar	Ice		X	X					X			
11.11.25	11:25	Soil	WS25-57 1-2'	1, 4oz jar	Ice		X	X					X			
11.11.25	11:35	Soil	WS25-58 1-3'	1, 4oz jar	Ice		X	X					X			
11.11.25	11:40	Soil	WS25-59 2.5-6'	1, 4oz jar	Ice		X	X					X			
11.11.25	11:45	Soil	WS25-60 2-6'	1, 4oz jar	Ice		X	X					X			
11.11.25	11:50	Soil	WS25-61 1-3'	1, 4oz jar	Ice		X	X					X			
11.11.25	11:55	Soil	WS25-62 1-3'	1, 4oz jar	Ice		X	X					X			
11.11.25	12:40	Soil	WS25-63 1-3'	1, 4oz jar	Ice		X	X					X			
11.11.25	12:45	Soil	WS25-64 3-4'	1, 4oz jar	Ice		X	X					X			
11.11.25	12:50	Soil	WS25-65 2-5'	1, 4oz jar	Ice		X	X					X			
11.11.25	12:55	Soil	WS25-66 1- 2'	1, 4oz jar	Ice		X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/12/25	815
Date: 11/12/25	Time: 1900	Relinquished by:	Received by:	Via: Courier	Date 11/13/25	Time 7:50

Remarks: Direct Bill to EOG, ATTN: Chase Settle
cc. permian@vertexresource.com, cdixon@vertexresource.com and ALudvik@vertexresource.com for Final Report

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Released to Imaging: 2/19/2026 3:49:38 PM
Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to EOG Resouces Inc, Chase Settle)

Mailing Address: 3101 Boyd Dr

On file

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other_____

☐ EDD (Type) _____

Turn-Around Time: 4 Day

X Standard ☑ Rush-5 day

Project Name:

Padron AST

Project #:

25A-03091

Project Manager:

Chance Dixon

cdixon@vertexresource.com

Sampler: AL

On Ice: ☒ Yes ☐ No Abby

# of Coolers: 1

Cooler Temp(including CF): 1.1+0.3 = 1.4

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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)
11.11.25	13:00	Soil	WS25-67 1-2'	1, 4oz jar	Ice		X	X					X			
11.11.25	13:05	Soil	WS25-68 1-2'	1, 4oz jar	Ice		X	X					X			
11.11.25	13:10	Soil	WS25-69 1-2'	1, 4oz jar	Ice		X	X					X			
11.11.25	13:25	Soil	BS25-34 2.5'	1, 4oz jar	Ice		X	X					X			
11.11.25	13:30	Soil	BS25-69 3.0'	1, 4oz jar	Ice		X	X					X			
11.11.25	13:35	Soil	BS25-445 3.0'	1, 4oz jar	Ice		X	X					X			
11.11.25	13:40	Soil	BS25-71 1.5'	1, 4oz jar	Ice		X	X					X			
11.11.25	13:45	Soil	BS25-447 6.0'	1, 4oz jar	Ice		X	X					X			
11.11.25	14:00	Soil	BS25-446 1.0'	1, 4oz jar	Ice		X	X					X			
11.11.25	12:10	Soil	WS25-23.1 0-1'	1, 4oz jar	Ice		X	X					X			
11.11.25	12:15	Soil	BS25-277 2.25'	1, 4oz jar	Ice		X	X					X			
11.11.25	12:20	Soil	BS25-297 2.25'	1, 4oz jar	Ice		X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/12/25	815
Date: 11/12/25	Time: 1900	Relinquished by:	Received by:	Via: courier	Date 11/13/25	Time 7:50

Remarks: Direct Bill to EOG, ATTN: Chase Settle
cc. permian@vertexresource.com, cdixon@vertexresource.com and ALudvik@vertexresource.com for Final Report

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Released to Imaging: 2/19/2026 3:49:38 PM
Received by OCD: 12/24/2025 8:12:15 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to EOG Resouces Inc, Chase Settle)

Mailing Address: 3101 Boyd Dr

On file

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 4 Day

X Standard ☑ **Rush-5 day**

Project Name:

Padron AST

Project #:

25A-03091

Project Manager:

Chance Dixon

cdixon@vertexresource.com

Sampler: AL

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 1.1+0.3=1.4 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	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)						
11.11.25	15:00	Soil	WS25-10.1 1-8'	1, 4oz jar	Ice		X	X					X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					11/12/25	815
Date: 11/12/25	Time: 1900	Relinquished by:	Received by:	Via: Courier	Date 11/13/25	Time 7:50

Remarks: Direct Bill to EOG, ATTN: Chase Settle
cc. permian@vertexresource.com, cdixon@vertexresource.com and ALudvik@vertexresource.com for Final Report

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Login Sample Receipt Checklist

Client: Vertex Job Number: 885-37630-1

Login Number: 37630 **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: PADRON AST

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

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:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 93 7.25' (H257215-01)

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	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	11/18/2025	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 *76.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.3 %* *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:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 94 7.25' (H257215-02)

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	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
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	**288**	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 *64.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *64.0 %* *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:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 95 7.25' (H257215-03)

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	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
Total BTEX	<0.300	0.300	11/17/2025	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	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 *80.5 %* *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:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 209 2' (H257215-04)

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	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
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	**160**	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 *67.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *64.6 %* *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:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 210 2' (H257215-05)

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	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
Total BTEX	<0.300	0.300	11/17/2025	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	**64.0**	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 *74.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.3 %* *39.9-141*

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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 288 2' (H257215-06)

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	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
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	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 *77.1 %* *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:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 298 2' (H257215-07)

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	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	11/18/2025	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 *78.5 %* *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:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 448 1' (H257215-08)

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	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
Total BTEX	<0.300	0.300	11/17/2025	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	**224**	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 *81.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.4 %* *39.9-141*

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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 449 2' (H257215-09)

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	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
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	**32.0**	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 *69.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.8 %* *39.9-141*

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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 08.1 4-7.25' (H257215-10)

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	11/17/2025	ND	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
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	**352**	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 *73.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.2 %* *39.9-141*

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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 70 1-7.25' (H257215-11)

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	11/17/2025	ND	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
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	**336**	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 *73.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.2 %* *39.9-141*

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Analytical Results For:

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

Received:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 71 2-8' (H257215-12)

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	11/17/2025	ND	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
Total BTEX	<0.300	0.300	11/17/2025	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	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 *73.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.7 %* *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:	11/17/2025	Sampling Date:	11/13/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS25 - 72 1-4' (H257215-13)

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	11/17/2025	ND	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
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	**336**	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 *78.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.3 %* *39.9-141*

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

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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H257215											✓						
1	BS25-93 7.25'	C	1			X							11.13.25	11:00	X	X	X
2	BS25-94 7.25'	C	1			X							11.13.25	11:05	X	X	X
3	BS25-95 7.25'	C	1			X							11.13.25	11:10	X	X	X
4	BS25-209 2'	C	1			X							11.13.25	10:05	X	X	X
5	BS25-210 2'	C	1			X							11.13.25	10:10	X	X	X
6	BS25-288 2'	C	1			X							11.13.25	10:20	X	X	X
7	BS25-298 2'	C	1			X							11.13.25	10:25	X	X	X
8	BS25-448 1'	C	1			X							11.13.25	10:40	X	X	X
9	BS25-449 2'	C	1			X							11.13.25	10:45	X	X	X

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.

NO Labels

Relinquished By:	Date: 11-17-25 Time: 1242	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@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 -0.1
Corrected Temp. °C 0.2°

Sample Condition
Cool: ☑ Yes ☐ No
Intact: ☑ Yes ☐ No

CHECKED BY: (Initials) AL

Turnaround Time: Standard ☐ Bacteria (only) Sample Condition
Rush: ☑ 2 day Cool Intact Observed Temp. °C
Thermometer ID #140
Correction Factor -0.5°C +0.3°
11/17/25
☐ Yes ☐ Yes
☐ No ☐ No Corrected Temp. °C

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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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H257215																	
10	WS25-08.1 4-7.25'	C	1			X							11.13.25	11:15	X	X	X
11	WS25-70 1-7.25'	C	1			X							11.13.25	11:20	X	X	X
12	WS25-71 2-8'	C	1			X							11.13.25	11:25	X	X	X
13	WS25-72 1-4'	C	1			X							11.13.25	11:30	X	X	X

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NO Labels

Relinquished By:	Date: 11.17.25 Time: 1242	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com)
			REMARKS: Direct Bill to EOG Resources Inc.

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.1 Corrected Temp. °C 0.2	Sample Condition Cool: Yes Yes / No No Intact: Yes Yes / No No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush: ☑ 2day Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.5°C +0.3° 11/12/25 Yes Yes / No No Corrected Temp. °C

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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: PADRON AST

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

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:	11/14/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BACKFILL - 01 0.0' (H257216-01)

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	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
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	**80.0**	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 *74.4 %* *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:	11/17/2025	Sampling Date:	11/14/2025
Reported:	11/18/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: BACKFILL - 02 0.0' (H257216-02)

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	2.09	105	2.00	3.96	
Toluene*	<0.050	0.050	11/17/2025	ND	2.15	108	2.00	6.92	
Ethylbenzene*	<0.050	0.050	11/17/2025	ND	2.21	111	2.00	7.75	
Total Xylenes*	<0.150	0.150	11/17/2025	ND	6.93	116	6.00	8.61	
Total BTEX	<0.300	0.300	11/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *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	**64.0**	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 *81.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.4 %* *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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H257216																	
1	Backfill-01 0.0'	C	1			X							11.14.25	10:10	X	X	X
2	Backfill-02 0.0'	C	1			X							11.14.25	10:20	X	X	X

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.

NO Labels

Relinquished By:	Date: 11-17-25 Time: 1242	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@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 0.1 Corrected Temp. °C 0.2	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Bacteria (only) Sample Condition Rush: ☑ Cool Intact Observed Temp. °C 2 day #140 Thermometer ID #113 Correction Factor -0.5°C +0.3c 11/17/25 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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

Received by OCD: 12/24/2025 8:12:15 AM

Released to Imaging: 2/19/2026 3:49:38 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: PADRON AST

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

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:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 03 2' (H256596-01)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	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	**256**	16.0	10/21/2025	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	10/21/2025	ND	213	107	200	1.17	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	215	108	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *90.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.0 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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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:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 09 2' (H256596-02)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	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	10/21/2025	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	10/21/2025	ND	213	107	200	1.17	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	215	108	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *90.3 %* *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:	10/20/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 11 2' (H256596-03)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	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	**80.0**	16.0	10/21/2025	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	10/21/2025	ND	213	107	200	1.17	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	215	108	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *81.0 %* *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:	10/20/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 18 2' (H256596-04)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	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	**64.0**	16.0	10/21/2025	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	10/21/2025	ND	213	107	200	1.17	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	215	108	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *88.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.9 %* *39.9-141*

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Celey D. Keene

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:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 20 2' (H256596-05)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	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	**64.0**	16.0	10/21/2025	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	10/21/2025	ND	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *76.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.6 %* *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:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 22 2' (H256596-06)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *93.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.4 %* *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:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS 25 - 28 1-2' (H256596-07)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *83.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.5 %* *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:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS 25 - 29 1-2' (H256596-08)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	**64.0**	16.0	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *85.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.4 %* *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:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 06 2' (H256596-09)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *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	**16.0**	16.0	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *83.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.4 %* *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:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 07 2' (H256596-10)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *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	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *92.0 %* *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:	10/20/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 13 2' (H256596-11)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *86.8 %* *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:	10/20/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 14 2' (H256596-12)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *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	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *79.3 %* *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:	10/20/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 16 2' (H256596-13)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *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	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *86.7 %* *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:	10/20/2025	Sampling Date:	10/15/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 17 2' (H256596-14)

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	2.18	109	2.00	0.609	
Toluene*	<0.050	0.050	10/21/2025	ND	2.21	111	2.00	0.177	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.22	111	2.00	0.427	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.57	110	6.00	0.0280	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *79.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.2 %* *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:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 34 2' (H256596-15)

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	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	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	**656**	16.0	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *83.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.4 %* *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:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 35 2' (H256596-16)

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	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *74.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.3 %* *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:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 36 2' (H256596-17)

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	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
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: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *81.1 %* *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:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 37 2' (H256596-18)

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	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *82.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *76.5 %* *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:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 75 2' (H256596-19)

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	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *80.3 %* *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:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 91 5.5' (H256596-20)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	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	**704**	16.0	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *81.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.3 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS 25 - 20 0-1' (H256596-21)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	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	**128**	16.0	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *91.0 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS 25 - 21 0-1' (H256596-22)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *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	**368**	16.0	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *88.4 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS 25 - 22 0-1' (H256596-23)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
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: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *79.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.8 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS 25 - 23 0-1' (H256596-24)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	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	**752**	16.0	10/21/2025	ND	432	108	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	201	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	229	115	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *82.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.9 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS 25 - 24 0-1' (H256596-25)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *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	10/21/2025	ND	432	108	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	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *77.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.6 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS 25 - 25 0-1' (H256596-26)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
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	**576**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *89.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.9 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS 25 - 26 0-1' (H256596-27)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	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	**320**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *91.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.4 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS 25 - 27 0-1' (H256596-28)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	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	**432**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *89.0 %* *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:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 92 5.5' (H256596-29)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	**992**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *88.4 %* *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:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 93 5.5' (H256596-30)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	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	**816**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *83.9 %* *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:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 94 5.5' (H256596-31)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
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	**720**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *88.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 95 2' (H256596-32)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**768**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *88.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.6 %* *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:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 56 2' (H256596-33)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	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	**272**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *86.4 %* *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:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 68 2' (H256596-34)

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	10/21/2025	ND	2.25	113	2.00	0.437	
Toluene*	<0.050	0.050	10/21/2025	ND	2.19	109	2.00	0.825	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.27	114	2.00	0.221	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.01	117	6.00	0.233	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *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	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *94.4 %* *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:	10/20/2025	Sampling Date:	10/16/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: WS 25 - 30 1-2' (H256596-35)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *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	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *87.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.3 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 356 1' (H256596-36)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	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	**352**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *90.2 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 389 1' (H256596-37)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *94.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.3 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 390 1' (H256596-38)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
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	**352**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *91.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.6 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 391 1' (H256596-39)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *85.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.5 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 392 1' (H256596-40)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	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	**64.0**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *81.9 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 393 1' (H256596-41)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	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	**96.0**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *86.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *81.6 %* *39.9-141*

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Celey D. Keene

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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 395 1' (H256596-42)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	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	**128**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *87.9 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 396 1' (H256596-43)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	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	**384**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *85.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.3 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 397 1' (H256596-44)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	10/21/2025	ND	448	112	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	10/21/2025	ND	206	103	200	2.70	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	202	101	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *82.5 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 398 1' (H256596-45)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	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	**640**	16.0	10/21/2025	ND	448	112	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	10/21/2025	ND	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 399 1' (H256596-46)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *91.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.3 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 400 1' (H256596-47)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *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	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *97.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.5 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 401 1' (H256596-48)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.3 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 402 1' (H256596-49)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	**16.0**	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *92.7 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 403 1' (H256596-50)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *94.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.6 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 404 1' (H256596-51)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *94.9 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 405 1' (H256596-52)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	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	**368**	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *96.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.9 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 406 1' (H256596-53)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *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	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *94.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 407 1' (H256596-54)

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	10/21/2025	ND	2.07	103	2.00	1.72	
Toluene*	<0.050	0.050	10/21/2025	ND	2.30	115	2.00	9.08	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.46	123	2.00	14.7	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	7.39	123	6.00	15.1	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *93.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.2 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 408 1' (H256596-55)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *84.5 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 409 1' (H256596-56)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *88.6 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 410 1' (H256596-57)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *89.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.4 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 411 1' (H256596-58)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *87.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.2 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 412 1' (H256596-59)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *89.4 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 413 1' (H256596-60)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *96.0 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 414 1' (H256596-61)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *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	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *94.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.9 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 415 1' (H256596-62)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *94.4 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 416 1' (H256596-63)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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	**32.0**	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *93.8 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 417 1' (H256596-64)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	222	111	200	0.835	
DRO >C10-C28*	<10.0	10.0	10/21/2025	ND	204	102	200	0.183	
EXT DRO >C28-C36	<10.0	10.0	10/21/2025	ND					

Surrogate: 1-Chlorooctane *90.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.8 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 418 1' (H256596-65)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	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	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 *70.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.1 %* *39.9-141*

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Analytical Results For:

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

Received:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 419 1' (H256596-66)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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	**64.0**	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 *65.7 %* *39.9-141*

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Analytical Results For:

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

Received:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 421 1' (H256596-67)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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	**240**	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 *75.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.4 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 430 1' (H256596-68)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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	**96.0**	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 *75.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.2 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 432 1' (H256596-69)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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	**112**	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 *77.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.8 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 433 1' (H256596-70)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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	**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 *75.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *70.9 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 434 1' (H256596-71)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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	**192**	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 *76.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.9 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 435 1' (H256596-72)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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 *79.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *75.3 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 438 1' (H256596-73)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
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	**192**	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 *71.0 %* *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:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 440 1' (H256596-74)

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	10/21/2025	ND	2.25	113	2.00	0.396	
Toluene*	<0.050	0.050	10/21/2025	ND	2.20	110	2.00	1.23	
Ethylbenzene*	<0.050	0.050	10/21/2025	ND	2.24	112	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/21/2025	ND	6.86	114	6.00	1.22	
Total BTEX	<0.300	0.300	10/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *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	**560**	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 *75.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.8 %* *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:	10/20/2025	Sampling Date:	10/14/2025
Reported:	10/24/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 444 1' (H256596-75)

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	10/21/2025	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	**896**	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 *75.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.1 %* *39.9-141*

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H256596																	
1	BS25-03 2'	C	1			X							10.15.25	13:00	X	X	X
2	BS25-09 2'	C	1			X							10.15.25	13:05	X	X	X
3	BS25-11 2'	C	1			X							10.15.25	14:00	X	X	X
4	BS25-18 2'	C	1			X							10.15.25	14:05	X	X	X
5	BS25-20 2'	C	1			X							10.15.25	14:10	X	X	X
6	BS25-22 2'	C	1			X							10.15.25	14:15	X	X	X
7	WS25-28 1-2'	C	1			X							10.15.25	13:10	X	X	X
8	WS25-29 1-2'	C	1			X							10.15.25	13:15	X	X	X
9	BS25-06 2'	C	1			X							10.15.25	15:00	X	X	X
10	BS25-07 2'	C	1			X							10.15.25	15:05	X	X	X

ANALYSIS REQUEST

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0402401K - all

Relinquished By:	Date: 10.20.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1300		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Sharon Minnix (SMinnix@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 2.1 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 #113 +1.4D
Correction Factor -0.5°C TD 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: 12/24/2025 8:12:15 AM

Released to Imaging: 2/19/2026 3:49:38 PM

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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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H256596																	
11	BS25-13 2'	C	1			X							10.15.25	15:10	X	X	X
12	BS25-14 2'	C	1			X							10.15.25	15:15	X	X	X
13	BS25-16 2'	C	1			X							10.15.25	15:20	X	X	X
14	BS25-17 2'	C	1			X							10.15.25	15:25	X	X	X
15	BS25-34 2'	C	1			X							10.16.25	10:00	X	X	X
16	BS25-35 2'	C	1			X							10.16.25	10:05	X	X	X
17	BS25-36 2'	C	1			X							10.16.25	10:10	X	X	X
18	BS25-37 2'	C	1			X							10.16.25	10:15	X	X	X
19	BS25-75 2'	C	1			X							10.16.25	12:30	X	X	X
20	BS25-91 5.5'	C	1			X							10.16.25	12:45	X	X	X

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: 10.20.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1000		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Sharon Minnix (SMinnix@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 2.1	Sample Condition Cool: Yes ☒ / No ☐ Intact: Yes ☒ / No ☐	CHECKED BY: (Initials) VD	Turnaround Time: Standard ☒ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C Thermometer ID #113 #140 Correction Factor -0.5°C to 3°
	Corrected Temp. °C 2.4			☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H256596-21	WS25-20 0-1'	C	1			X							10.14.25	13:50	X	X	X
22	WS25-21 0-1'	C	1			X							10.14.25	13:55	X	X	X
23	WS25-22 0-1'	C	1			X							10.14.25	14:00	X	X	X
24	WS25-23 0-1'	C	1			X							10.14.25	14:05	X	X	X
25	WS25-24 0-1'	C	1			X							10.14.25	14:10	X	X	X
26	WS25-25 0-1'	C	1			X							10.14.25	14:15	X	X	X
27	WS25-26 0-1'	C	1			X							10.14.25	14:20	X	X	X
28	WS25-27 0-1'	C	1			X							10.14.25	14:25	X	X	X

ANALYSIS REQUEST

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Relinquished By:	Date: 10.22.25 Time: 1200	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Sharon Minnix (SMinnix@vertexresource.com)
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 21 Corrected Temp. °C 24	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials) AD
			REMARKS: Direct Bill to EOG Resources Inc.
			Turnaround Time: Standard ☒ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C
			Thermometer ID #113 #140 Correction Factor -0.5°C TP 3 ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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

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Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H256596																	
29	BS25-92 5.5'	C	1			X							10.16.25	12:50	X	X	X
30	BS25-93 5.5'	C	1			X							10.16.25	12:55	X	X	X
31	BS25-94 5.5'	C	1			X							10.16.25	13:00	X	X	X
32	BS25-95 2'	C	1			X							10.16.25	13:05	X	X	X
33	BS25-56 2'	C	1			X							10.16.25	15:55	X	X	X
34	BS25-68 2'	C	1			X							10.16.25	15:50	X	X	X
35	WS25-30 1-2'	C	1			X							10.16.25	12:35	X	X	X

ANALYSIS REQUEST

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Relinquished By:	Date: 10.20.25 Time: 1200	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Sharon Minnix (SMinnix@vertexresource.com)
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.1 Corrected Temp. °C 2.4	Sample Condition Cool: ☐ Yes ☒ Yes Intact: ☐ No ☐ No	CHECKED BY: (Initials) AR

REMARKS: Direct Bill to EOG Resources Inc.

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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	ANALYSIS REQUEST
H256596																		
36	BS25-356 1'	C	1			X							10.14.25	9:00	X	X	X	
37	BS25-389 1'	C	1			X							10.14.25	9:05	X	X	X	
38	BS25-390 1'	C	1			X							10.14.25	9:10	X	X	X	
39	BS25-391 1'	C	1			X							10.14.25	9:15	X	X	X	
40	BS25-392 1'	C	1			X							10.14.25	11:25	X	X	X	
41	BS25-393 1'	C	1			X							10.14.25	11:30	X	X	X	
42	BS25-395 1'	C	1			X							10.14.25	9:20	X	X	X	
43	BS25-396 1'	C	1			X							10.14.25	9:25	X	X	X	
44	BS25-397 1'	C	1			X							10.14.25	9:30	X	X	X	
45	BS25-398 1'	C	1			X							10.14.25	9:35	X	X	X	

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Relinquished By:	Date: 10.20.25 Time: 1200	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Sharon Minnix (SMinnix@vertexresource.com)
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 21 Corrected Temp. °C 24	Sample Condition Cool: Yes ☑ Intact: Yes ☑ / No ☐	CHECKED BY: (Initials)
			REMARKS: Direct Bill to EOG Resources Inc.
			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

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

Company: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	BILL TO
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H256596																	
46	BS25-399 1'	C	1			X							10.14.25	9:40	X	X	X
47	BS25-400 1'	C	1			X							10.14.25	9:45	X	X	X
48	BS25-401 1'	C	1			X							10.14.25	9:50	X	X	X
49	BS25-402 1'	C	1			X							10.14.25	9:55	X	X	X
50	BS25-403 1'	C	1			X							10.14.25	10:00	X	X	X
51	BS25-404 1'	C	1			X							10.14.25	10:05	X	X	X
52	BS25-405 1'	C	1			X							10.14.25	10:10	X	X	X
53	BS25-406 1'	C	1			X							10.14.25	10:15	X	X	X
54	BS25-407 1'	C	1			X							10.14.25	10:20	X	X	X
55	BS25-408 1'	C	1			X							10.14.25	10:25	X	X	X

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Relinquished By:	Date: 10.20.25 Time: 1200	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Sharon Minnix (SMinnix@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 2.1 Corrected Temp. °C 2.4	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 -0.3°C TO 3-
☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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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: Vertex Resource Services (Direct Bill to EOG Resouces Inc)	**BILL TO**
Project Manager: Chance Dixon	P.O. #:
Address: 3101 Boyd Drive	Company: EOG Resources
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #:	Address: 5509 Champions Dr.
Project #: 25A-03091 Project Owner: EOG	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location:	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
H257596																	
56	BS25-409 1'	C	1			X							10.14.25	10:30	X	X	X
57	BS25-410 1'	C	1			X							10.14.25	10:35	X	X	X
58	BS25-411 1'	C	1			X							10.14.25	10:40	X	X	X
59	BS25-412 1'	C	1			X							10.14.25	10:45	X	X	X
60	BS25-413 1'	C	1			X							10.14.25	10:50	X	X	X
61	BS25-414 1'	C	1			X							10.14.25	10:55	X	X	X
62	BS25-415 1'	C	1			X							10.14.25	11:00	X	X	X
63	BS25-416 1'	C	1			X							10.14.25	11:05	X	X	X
64	BS25-417 1'	C	1			X							10.14.25	11:10	X	X	X
65	BS25-418 1'	C	1			X							10.14.25	11:15	X	X	X

ANALYSIS REQUEST

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Relinquished By:	Date: 10.20.25 Time: 1306	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Sharon Minnix (SMinnix@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) AD

REMARKS: Direct Bill to EOG Resources Inc.

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

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101 East Marland, Hobbs, NM 88240
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Project Manager: Chance Dixon	P.O. #:
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Project Name: Padron AST	State: TX Zip: 79706
Project Location:	Phone #: 575-703-6537
Sampler Name: A Ludvik	Fax #:

FOR LAB USE ONLY

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H256596																		
66	BS25-419 1'	C	1			X							10.14.25	11:20	X	X	X	
67	BS25-421 1'	C	1			X							10.14.25	11:45	X	X	X	
68	BS25-430 1'	C	1			X							10.14.25	12:30	X	X	X	
69	BS25-432 1'	C	1			X							10.14.25	12:40	X	X	X	
70	BS25-433 1'	C	1			X							10.14.25	12:45	X	X	X	
71	BS25-434 1'	C	1			X							10.14.25	12:50	X	X	X	
72	BS25-435 1'	C	1			X							10.14.25	12:55	X	X	X	
73	BS25-438 1'	C	1			X							10.14.25	13:10	X	X	X	
74	BS25-440 1'	C	1			X							10.14.25	13:20	X	X	X	
75	BS25-444 1'	C	1			X							10.14.25	13:40	X	X	X	

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Relinquished By:	Date: 10.20.25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1200		Please Email Results: permian@vertexresource.com, Chance Dixon (cdixon@vertexresource.com), Andrew Ludvik (aludvik@vertexresource.com), Sharon Minnix (SMinnix@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 21 / Corrected Temp. °C 24	Sample Condition Cool: Yes ☒ No ☐ Intact: Yes ☒ No ☐	CHECKED BY: (Initials) AA

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

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CARDINAL Laboratories

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

November 06, 2025

CHANCE DIXON

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PADRON AST

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	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

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: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BS25 - 240 2'	H256850-01	Soil	28-Oct-25 11:38	30-Oct-25 14:00
BS25 - 217 2'	H256850-02	Soil	28-Oct-25 11:33	30-Oct-25 14:00
BS25 - 218 2'	H256850-03	Soil	28-Oct-25 11:30	30-Oct-25 14:00
BS25 - 229 2'	H256850-04	Soil	28-Oct-25 11:35	30-Oct-25 14:00
BS25 - 292 2'	H256850-05	Soil	28-Oct-25 12:17	30-Oct-25 14:00
BS25 - 250 2'	H256850-06	Soil	28-Oct-25 11:41	30-Oct-25 14:00
BS25 - 260 2'	H256850-07	Soil	28-Oct-25 11:47	30-Oct-25 14:00
BS25 - 261 2'	H256850-08	Soil	28-Oct-25 11:44	30-Oct-25 14:00
BS25 - 270 2'	H256850-09	Soil	28-Oct-25 11:49	30-Oct-25 14:00
BS25 - 271 2'	H256850-10	Soil	28-Oct-25 12:03	30-Oct-25 14:00
BS25 - 272 2'	H256850-11	Soil	28-Oct-25 12:06	30-Oct-25 14:00
BS25 - 273 2'	H256850-12	Soil	28-Oct-25 12:09	30-Oct-25 14:00
BS25 - 283 2'	H256850-13	Soil	28-Oct-25 12:35	30-Oct-25 14:00
BS25 - 294 2'	H256850-14	Soil	28-Oct-25 12:39	30-Oct-25 14:00
BS25 - 280 2'	H256850-15	Soil	28-Oct-25 11:52	30-Oct-25 14:00
BS25 - 290 2'	H256850-16	Soil	28-Oct-25 11:55	30-Oct-25 14:00
BS25 - 300 2'	H256850-17	Soil	28-Oct-25 11:57	30-Oct-25 14:00
BS25 - 281 2'	H256850-18	Soil	28-Oct-25 12:01	30-Oct-25 14:00
BS25 - 282 2'	H256850-19	Soil	28-Oct-25 12:14	30-Oct-25 14:00
BS25 - 304 2'	H256850-20	Soil	28-Oct-25 12:52	30-Oct-25 14:00
BS25 - 284 2'	H256850-21	Soil	28-Oct-25 12:37	30-Oct-25 14:00

11/06/25 - Client added depths to samples -11 thru -20 (see COC). This is the revised report and will replace the one sent on 11/05/25.

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 240 2'

H256850-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	5103158	KH	31-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*80.2 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.9 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 217 2'

H256850-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	5103158	KH	31-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*114 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*87.9 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.0 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 218 2'

H256850-03 (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	5103158	KH	31-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*82.0 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.3 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 229 2'

H256850-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	5103158	KH	31-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*90.8 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.3 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 292 2'

H256850-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**112**		16.0	mg/kg	4	5103158	KH	31-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*76.0 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*69.1 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 250 2'

H256850-06 (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	5103158	KH	31-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*90.1 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.3 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 260 2'

H256850-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	5103158	KH	31-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*89.5 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.5 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 261 2'

H256850-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	5103158	KH	31-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*91.6 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.0 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 270 2'

H256850-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5103158	KH	31-Oct-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*87.6 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.4 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 271 2'

H256850-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	5110305	HM	03-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*83.3 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*72.9 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 272 2'

H256850-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	5110305	HM	03-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*80.3 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.9 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 273 2'

H256850-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5110305	HM	03-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*106 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*79.6 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.3 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 283 2'

H256850-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**112**		16.0	mg/kg	4	5110305	HM	03-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*83.1 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.7 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 294 2'

H256850-14 (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	5110305	HM	03-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103139	JH	03-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*70.4-141*		*5103139*	JH	*03-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103066	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*85.6 %*	*52.4-130*		*5103066*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.4 %*	*39.9-141*		*5103066*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 280 2'

H256850-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	5110305	HM	03-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*70.4-141*		*5103140*	JH	*02-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*75.8 %*	*52.4-130*		*5103067*	MS	*01-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.9 %*	*39.9-141*		*5103067*	MS	*01-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 290 2'

H256850-16 (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	5110305	HM	03-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*70.4-141*		*5103140*	JH	*02-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*75.2 %*	*52.4-130*		*5103067*	MS	*01-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.5 %*	*39.9-141*		*5103067*	MS	*01-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 300 2'

H256850-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**320**		16.0	mg/kg	4	5110305	HM	03-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*70.4-141*		*5103140*	JH	*02-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*78.1 %*	*52.4-130*		*5103067*	MS	*01-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.4 %*	*39.9-141*		*5103067*	MS	*01-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 281 2'

H256850-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**176**		16.0	mg/kg	4	5110305	HM	03-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*70.4-141*		*5103140*	JH	*02-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*64.9 %*	*52.4-130*		*5103067*	MS	*01-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*62.8 %*	*39.9-141*		*5103067*	MS	*01-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 282 2'

H256850-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	5110305	HM	03-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*70.4-141*		*5103140*	JH	*02-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103067	MS	01-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*84.3 %*	*52.4-130*		*5103067*	MS	*01-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.4 %*	*39.9-141*		*5103067*	MS	*01-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 304 2'

H256850-20 (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	5110305	HM	03-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*70.4-141*		*5103140*	JH	*02-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103067	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103067	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103067	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*79.7 %*	*52.4-130*		*5103067*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.3 %*	*39.9-141*		*5103067*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

BS25 - 284 2'

H256850-21 (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	5110305	HM	03-Nov-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5103140	JH	02-Nov-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*70.4-141*		*5103140*	JH	*02-Nov-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5103067	MS	02-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5103067	MS	02-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5103067	MS	02-Nov-25	8015B	
Surrogate: 1-Chlorooctane			*73.7 %*	*52.4-130*		*5103067*	MS	*02-Nov-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.0 %*	*39.9-141*		*5103067*	MS	*02-Nov-25*	*8015B*	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5103158 - 1:4 DI Water										
Blank (5103158-BLK1)				Prepared & Analyzed: 31-Oct-25						
Chloride	ND	16.0	mg/kg							
LCS (5103158-BS1)				Prepared & Analyzed: 31-Oct-25						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5103158-BSD1)				Prepared & Analyzed: 31-Oct-25						
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 5110305 - 1:4 DI Water										
Blank (5110305-BLK1)				Prepared & Analyzed: 03-Nov-25						
Chloride	ND	16.0	mg/kg							
LCS (5110305-BS1)				Prepared & Analyzed: 03-Nov-25						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5110305-BSD1)				Prepared & Analyzed: 03-Nov-25						
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

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 5103139 - Volatiles										
Blank (5103139-BLK1)				Prepared: 31-Oct-25 Analyzed: 03-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)	*0.0535*		mg/kg	*0.0500*		*107*	*70.4-141*			
LCS (5103139-BS1)				Prepared: 31-Oct-25 Analyzed: 03-Nov-25						
Benzene	2.02	0.050	mg/kg	2.00		101	71-111			
Toluene	1.96	0.050	mg/kg	2.00		97.8	75-116			
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	74.2-119			
m,p-Xylene	4.29	0.100	mg/kg	4.00		107	72.5-123			
o-Xylene	2.15	0.050	mg/kg	2.00		108	70.5-124			
Total Xylenes	6.44	0.150	mg/kg	6.00		107	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0536*		mg/kg	*0.0500*		*107*	*70.4-141*			
LCS Dup (5103139-BSD1)				Prepared: 31-Oct-25 Analyzed: 03-Nov-25						
Benzene	1.95	0.050	mg/kg	2.00		97.5	71-111	3.25	17.6	
Toluene	1.91	0.050	mg/kg	2.00		95.6	75-116	2.23	14.8	
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	74.2-119	0.959	14.2	
m,p-Xylene	4.24	0.100	mg/kg	4.00		106	72.5-123	1.12	13.6	
o-Xylene	2.11	0.050	mg/kg	2.00		106	70.5-124	1.89	13.7	
Total Xylenes	6.35	0.150	mg/kg	6.00		106	72.2-123	1.38	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0542*		mg/kg	*0.0500*		*108*	*70.4-141*			
Batch 5103140 - Volatiles										
Blank (5103140-BLK1)				Prepared: 31-Oct-25 Analyzed: 02-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							

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

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 5103140 - Volatiles										
Blank (5103140-BLK1)				Prepared: 31-Oct-25 Analyzed: 02-Nov-25						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0561*		mg/kg	*0.0500*		*112*	*70.4-141*			
LCS (5103140-BS1)				Prepared: 31-Oct-25 Analyzed: 02-Nov-25						
Benzene	1.70	0.050	mg/kg	2.00		85.1	71-111			
Toluene	1.86	0.050	mg/kg	2.00		93.2	75-116			
Ethylbenzene	1.79	0.050	mg/kg	2.00		89.7	74.2-119			
m,p-Xylene	3.57	0.100	mg/kg	4.00		89.3	72.5-123			
o-Xylene	1.78	0.050	mg/kg	2.00		89.1	70.5-124			
Total Xylenes	5.35	0.150	mg/kg	6.00		89.2	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0480*		mg/kg	*0.0500*		*96.0*	*70.4-141*			
LCS Dup (5103140-BSD1)				Prepared: 31-Oct-25 Analyzed: 02-Nov-25						
Benzene	1.68	0.050	mg/kg	2.00		83.8	71-111	1.55	17.6	
Toluene	1.87	0.050	mg/kg	2.00		93.7	75-116	0.524	14.8	
Ethylbenzene	1.85	0.050	mg/kg	2.00		92.3	74.2-119	2.86	14.2	
m,p-Xylene	3.69	0.100	mg/kg	4.00		92.3	72.5-123	3.27	13.6	
o-Xylene	1.80	0.050	mg/kg	2.00		89.9	70.5-124	0.962	13.7	
Total Xylenes	5.49	0.150	mg/kg	6.00		91.5	72.2-123	2.51	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0492*		mg/kg	*0.0500*		*98.4*	*70.4-141*			

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Analytical Results For:

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

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 5103066 - General Prep - Organics										
Blank (5103066-BLK1)				Prepared: 30-Oct-25 Analyzed: 01-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	*44.2*		mg/kg	*50.0*		*88.4*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*39.5*		mg/kg	*50.0*		*78.9*	*39.9-141*			
LCS (5103066-BS1)				Prepared: 30-Oct-25 Analyzed: 01-Nov-25						
GRO C6-C10	212	10.0	mg/kg	200		106	78.7-123			
DRO >C10-C28	233	10.0	mg/kg	200		117	74.8-123			
Total TPH C6-C28	445	10.0	mg/kg	400		111	78.6-121			
Surrogate: 1-Chlorooctane	*47.9*		mg/kg	*50.0*		*95.8*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*43.8*		mg/kg	*50.0*		*87.7*	*39.9-141*			
LCS Dup (5103066-BSD1)				Prepared: 30-Oct-25 Analyzed: 01-Nov-25						
GRO C6-C10	203	10.0	mg/kg	200		101	78.7-123	4.33	11.3	
DRO >C10-C28	223	10.0	mg/kg	200		111	74.8-123	4.59	10.9	
Total TPH C6-C28	425	10.0	mg/kg	400		106	78.6-121	4.47	10.5	
Surrogate: 1-Chlorooctane	*45.9*		mg/kg	*50.0*		*91.9*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*41.6*		mg/kg	*50.0*		*83.3*	*39.9-141*			
Batch 5103067 - General Prep - Organics										
Blank (5103067-BLK1)				Prepared: 30-Oct-25 Analyzed: 01-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	*43.2*		mg/kg	*50.0*		*86.4*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*42.6*		mg/kg	*50.0*		*85.2*	*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 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: PADRON AST Project Number: 25A-03091 Project Manager: CHANCE DIXON Fax To: NA	Reported: 06-Nov-25 15:23

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 5103067 - General Prep - Organics										
LCS (5103067-BS1)				Prepared: 30-Oct-25 Analyzed: 01-Nov-25						
GRO C6-C10	216	10.0	mg/kg	200		108	78.7-123			
DRO >C10-C28	231	10.0	mg/kg	200		115	74.8-123			
Total TPH C6-C28	447	10.0	mg/kg	400		112	78.6-121			
Surrogate: 1-Chlorooctane	*49.3*		mg/kg	*50.0*		*98.7*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*50.1*		mg/kg	*50.0*		*100*	*39.9-141*			
LCS Dup (5103067-BSD1)				Prepared: 30-Oct-25 Analyzed: 01-Nov-25						
GRO C6-C10	213	10.0	mg/kg	200		107	78.7-123	1.35	11.3	
DRO >C10-C28	229	10.0	mg/kg	200		114	74.8-123	0.864	10.9	
Total TPH C6-C28	442	10.0	mg/kg	400		111	78.6-121	1.10	10.5	
Surrogate: 1-Chlorooctane	*49.1*		mg/kg	*50.0*		*98.1*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*50.3*		mg/kg	*50.0*		*101*	*39.9-141*			

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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 Inc (Direct Bill EOG)
Project Manager:	Chance Dixon
Address:	3101 Boyd Drive
City:	Carlsbad State: NM Zip: 88220
Phone #:	575.725.5001 Fax #:
Project #:	25A-03091 Project Owner: EOG Resources Inc
Project Name:	Padron AST
Project Location:	Eddy
Sampler Name:	Sharon Minnix

BILL TO

P.O. #:	
Company:	EOG Resource Inc
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	SAMPLING TIME	BTEX	CL	TPH
H256850																		
1	BS2S-240	2'	C	1		X								10.28	1138	X	X	X
2	BS2S-217	2'	C	1		X								10.28	1133			
3	BS2S-218	2'	C	1		X								10.28	1130			
4	BS2S-229	2'	C	1		X								10.28	1135			
5	BS2S-292	2'	C	1		X								10.28	1217			
6	BS2S-250	2'	C	1		X								10.28	1141			
7	BS2S-260	2'	C	1		X								10.28	1147			
8	BS2S-261	2'	C	1		X								10.28	1144			
9	BS2S-270	2'	C	1		X								10.28	1149			
10	BS2S-271	2'	C	1		X								10.28	1203			

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040240 1K - all

Relinquished By: Sminnix Date: 10-30-25 Time: 1400 Received By: Tamara Maddox

Relinquished By: Date: Time: Received By:

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) TP

Verbal Result: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address: CDixon@vertexresource.com, SMinnix@vertexresource.com, Permian@vertexresource.com

REMARKS:

Direct Bill TO EOG Resources Inc

Turnaround Time: Standard Rush

Thermometer ID #140 Correction Factor -0.3°C +0.3°C

Bacteria (only) Sample Condition: Cool: Yes / No; Intact: Yes / No

Observed Temp. °C Corrected Temp. °C

10/30/25

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

Received by OCD: 12/24/2025 8:12:15 AM

Released to Imaging: 2/19/2026 3:49:38 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 Inc (Direct Bill EOG)
Project Manager:	Chance Dixon
Address:	3101 Boyd Drive
City:	Carlsbad State: NM Zip: 88220
Phone #:	575.725.5001 Fax #:
Project #:	25A-03091 Project Owner: EOG Resource Inc
Project Name:	Padron AST
Project Location:	Eddy
Sampler Name:	Sharon Minnix

BILL TO

P.O. #:	
Company:	EOG Resource Inc
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	Cl	TPH
H256850																		
11	BS25-272	2'	C	1			X							12.28	1206	X	X	X
12	BS25-273		C	1			X							12.28	1209	X		
13	BS25-283		C	1			X							12.28	1235			
14	BS25-294		C	1			X							12.28	1239			
15	BS25-280		C	1			X							12.28	1152			
16	BS25-290		C	1			X							12.28	1155			
17	BS25-300		C	1			X							12.28	1157			
18	BS25-281		C	1			X							12.28	1201			
19	BS25-282		C	1			X							12.28	1214			
20	BS25-304		C	1			X							12.28	1252			

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0402401K - all

Relinquished By: Sminnix Date: 10-30-25 Time: 1400 Received By: Tamara Oldaker

Relinquished By: Date: Time: Received By:

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) TO

Verbal Result: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address: CDixon@vertexresource.com, SMinnix@vertexresourcecom, Permian@vertexresource.com

REMARKS: Direct bill to EOG

Turnaround Time: Standard Rush

Thermometer ID #140 Correction Factor ~~-0.3°C~~ +0.3

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

TO 10/30/25

* Customer requested Depth changes 2' to 1'

Received by OCD: 12/24/2025 8:12:15 AM

Released to Imaging: 2/19/2026 3:49:38 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 Inc (Direct Bill EOG)	BILL TO
Project Manager: Chance Dixon	P.O. #
Address: 3101 Boyd Drive	Company: EOG Resource Inc
City: Carlsbad State: NM Zip: 88220	Attn: Chase Settle
Phone #: 575.725.5001 Fax #	Address: 5509 Champions Dr
Project #: 25A-03021 Project Owner: EOG Resource Inc	City: Midland
Project Name: Padron AST	State: TX Zip: 79706
Project Location: Eddy	Phone #: 575.703.6537
Sampler Name: Sharon Minnix	Fax #

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE	ICE / COOL	OTHER :	DATE	TIME	BTEX	Cl	TPH
H256850-21	BS25-284 2'	C	1		X					✓		10.28	1237	X	X	X

0402401K - all

Relinquished By: Minnix	Date: 10.30.25 Time: 1400	Received By: Jamara Oldaker	Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address: SMinnix@vertexresource.com, CDixon@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 2.1 Corrected Temp. °C 2.4	Sample Condition: Cool Intact Yes Yes No No	CHECKED BY:
			Turnaround Time: Standard Bacteria only Sample Condition: Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C
			Thermometer ID #140 Correction Factor +0.3

* Cardinal cannot accept verbal changes. Please email changes to be initialed by all sampling parties.

Received by OCD: 12/24/2025 8:12:15 AM

Released to Imaging: 2/19/2026 3:49:38 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: PADRON AST

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

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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 185 2' (H256905-01)

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	1.92	96.2	2.00	1.54	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.0	2.00	1.71	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	96.1	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.06	101	6.00	1.55	
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	**64.0**	16.0	11/04/2025	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *77.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.9 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 211 2' (H256905-02)

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	1.92	96.2	2.00	1.54	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.0	2.00	1.71	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	96.1	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.06	101	6.00	1.55	
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	**272**	16.0	11/04/2025	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *94.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.3 %* *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:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 245 2' (H256905-03)

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	1.92	96.2	2.00	1.54	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.0	2.00	1.71	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	96.1	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.06	101	6.00	1.55	
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	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *96.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.5 %* *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:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 178 2' (H256905-04)

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	1.92	96.2	2.00	1.54	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.0	2.00	1.71	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	96.1	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.06	101	6.00	1.55	
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	**48.0**	16.0	11/04/2025	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *98.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.2 %* *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:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 286 2' (H256905-05)

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	11/04/2025	ND	1.92	96.2	2.00	1.54	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.0	2.00	1.71	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	96.1	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.06	101	6.00	1.55	
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	**352**	16.0	11/04/2025	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.0 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 256 2' (H256905-06)

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	1.92	96.2	2.00	1.54	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.0	2.00	1.71	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	96.1	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.06	101	6.00	1.55	
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	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.0 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 194 2' (H256905-07)

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	1.92	96.2	2.00	1.54	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.0	2.00	1.71	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	96.1	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.06	101	6.00	1.55	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *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	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *96.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.1 %* *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:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 247 2' (H256905-08)

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	1.92	96.2	2.00	1.54	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.0	2.00	1.71	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	96.1	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.06	101	6.00	1.55	
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	**192**	16.0	11/04/2025	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *92.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.1 %* *39.9-141*

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Celey D. Keene

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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 193 2' (H256905-09)

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	1.92	96.2	2.00	1.54	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.0	2.00	1.71	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	96.1	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.06	101	6.00	1.55	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *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	<16.0	16.0	11/04/2025	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *95.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.9 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 287 2' (H256905-10)

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	1.92	96.2	2.00	1.54	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.0	2.00	1.71	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	96.1	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.06	101	6.00	1.55	
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	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *85.2 %* *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:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 235 2' (H256905-11)

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	1.92	96.2	2.00	1.54	
Toluene*	<0.050	0.050	11/04/2025	ND	1.94	97.0	2.00	1.71	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	1.92	96.1	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.06	101	6.00	1.55	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *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	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *86.7 %* *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:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 275 2' (H256905-12)

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	11/05/2025	ND	1.70	85.0	2.00	8.34	
Toluene*	<0.050	0.050	11/05/2025	ND	1.90	94.8	2.00	6.76	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.84	91.9	2.00	7.51	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.52	92.0	6.00	7.20	
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	**144**	16.0	11/04/2025	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *85.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.7 %* *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:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 195 2' (H256905-13)

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	11/05/2025	ND	1.70	85.0	2.00	8.34	
Toluene*	<0.050	0.050	11/05/2025	ND	1.90	94.8	2.00	6.76	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.84	91.9	2.00	7.51	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.52	92.0	6.00	7.20	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *91.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.0 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 225 2' (H256905-14)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *90.4 %* *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:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 226 2' (H256905-15)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	11/03/2025	ND	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *96.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.5 %* *39.9-141*

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Analytical Results For:

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

Received:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 285 2' (H256905-16)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	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	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *86.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.4 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 204 2' (H256905-17)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	204	102	200	4.30	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	199	99.3	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *94.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.3 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 246 2' (H256905-18)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	11/04/2025	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	11/03/2025	ND	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.2 %* *39.9-141*

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Analytical Results For:

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

Received:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 297 2' (H256905-19)

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	11/04/2025	ND	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**624**	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	11/03/2025	ND	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *99.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.1 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 177 2' (H256905-20)

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	11/04/2025	ND	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	11/03/2025	ND	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *94.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *88.0 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 309 2' (H256905-21)

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	11/04/2025	ND	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	11/03/2025	ND	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *88.9 %* *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:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 426 2' (H256905-22)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**208**	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	11/03/2025	ND	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *95.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.6 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 442 2' (H256905-23)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	11/03/2025	ND	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.1 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 422 2' (H256905-24)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	11/03/2025	ND	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.4 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 441 2' (H256905-25)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	**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	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *95.8 %* *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:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 428 2' (H256905-26)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	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	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *99.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.1 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 431 2' (H256905-27)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**224**	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	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.5 %* *39.9-141*

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Analytical Results For:

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

Received:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 439 2' (H256905-28)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.9 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 277 2' (H256905-29)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *98.8 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 308 2' (H256905-30)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.6 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 317 2' (H256905-31)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *78.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *73.5 %* *39.9-141*

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Analytical Results For:

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

Received:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 318 2' (H256905-32)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	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	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *84.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.3 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 322 2' (H256905-33)

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	2.11	105	2.00	1.37	
Toluene*	<0.050	0.050	11/04/2025	ND	2.10	105	2.00	0.210	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.08	104	2.00	0.637	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.25	104	6.00	0.685	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	<16.0	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	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	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:	11/03/2025	Sampling Date:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 394 2' (H256905-34)

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	2.25	112	2.00	5.58	
Toluene*	<0.050	0.050	11/04/2025	ND	1.99	99.7	2.00	3.78	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.09	104	2.00	4.09	GC-NC
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.58	110	6.00	4.52	
Total BTEX	<0.300	0.300	11/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	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	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *91.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.8 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 420 2' (H256905-35)

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	2.25	112	2.00	5.58	
Toluene*	<0.050	0.050	11/04/2025	ND	1.99	99.7	2.00	3.78	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.09	104	2.00	4.09	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.58	110	6.00	4.52	
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	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	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *91.5 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 425 2' (H256905-36)

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	2.25	112	2.00	5.58	
Toluene*	<0.050	0.050	11/04/2025	ND	1.99	99.7	2.00	3.78	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.09	104	2.00	4.09	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.58	110	6.00	4.52	
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	**320**	16.0	11/04/2025	ND	400	100	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	11/04/2025	ND	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *85.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.4 %* *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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS25 - 444 2' (H256905-37)

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	2.25	112	2.00	5.58	
Toluene*	<0.050	0.050	11/04/2025	ND	1.99	99.7	2.00	3.78	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.09	104	2.00	4.09	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.58	110	6.00	4.52	
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	**80.0**	16.0	11/04/2025	ND	400	100	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	11/04/2025	ND	199	99.5	200	0.288	
DRO >C10-C28*	<10.0	10.0	11/04/2025	ND	203	102	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	11/04/2025	ND					

Surrogate: 1-Chlorooctane *91.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.1 %* *39.9-141*

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Notes and Definitions

GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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

Page 968 of 983

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Vertex Resource (Direct Bill EOG)
Project Manager:	Chance Dixon
Address:	3101 Boyd Drive
City:	Carlsbad State: NM Zip: 88220
Phone #:	575.725.5001 Fax #:
Project #:	25A-03091 Project Owner:
Project Name:	Padron AST
Project Location:	Eddy
Sampler Name:	Sharon Minnix

BILL TO

P.O. #:	
Company:	EOG Resource Inc
Attn:	Chase Settles
Address:	5509 Champion 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	CL	TPH
1123905																	
1	BS2S-185 2'	C	1			X					X		10.30	1010	X	X	X
2	BS2S-211 2'	C	1			X					X		10.30	1015	X	X	X
3	BS2S-245 2'	C	1			X					X		10.30	1020	X	X	X
4	BS2S-178 2'	C	1			X					X		10.30	925	X	X	X
5	BS2S-286 2'	C	1			X					X		10.30	930	X	X	X
6	BS2S-256 2'	C	1			X					X		10.30	935	X	X	X
7	BS2S-194 2'	C	1			X					X		10.30	940	X	X	X
8	BS2S-247 2'	C	1			X					X		10.30	845	X	X	X
9	BS2S-193 2' [redacted]	C	1			X					X		10.30	900	X	X	X
10	BS2S-287 2'	C	1			X					X		10.30	910	X	X	X

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Relinquished By:	Date: 11-3-25	Received By:	
Minnix	Time: 1334		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: CDixon@vertexresource.com, SMinnix@vertexresource.com, Permian@vertexresources

REMARKS:
Direct Bill to EOG Resource Inc.

Delivered By: (Circle One)	Observed Temp. °C 0.4	Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials) AP
Sampler - UPS - Bus - Other:	Corrected Temp. °C 0.7		

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

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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 (Direct Bill EOG)
Project Manager: Chance Dixon
Address: 3101 Boyd Drive
City: Carlsbad State: NM Zip: 88220
Phone #: 575.725.5001 Fax #:
Project #: 25A-03091 Project Owner: EOG Resource Inc
Project Name: Padron AST
Project Location: Eddy
Sampler Name: Sharon Minnix

BILL TO
P.O. #:
Company: EOG Resource Inc
Attn: Chase Settle
Address: 5509 Champion 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	CL	TPH
H25[illegible]05	BS25-[illegible]235 2'	C	1			X					X			10.30	1120	X	X	X
11	BS25-275 2'	C	1			X								10.30	1050	X	X	X
12	BS25-195 2'	C	1			X								10.30	1055	X	X	X
13	BS25-225 2'	C	1			X								10.30	1100	X	X	X
14	BS25-226 2'	C	1			X								10.30	1105	X	X	X
15	BS25-285 2'	C	1			X								10.30	1025	X	X	X
16	BS25-204 2'	C	1			X								10.30	1030	X	X	X
17	BS25-246 2'	C	1			X								10.30	1040	X	X	X
18	BS25-297 2'	C	1			X								10.30	1045	X	X	X
19	BS25-177 2'	C	1			X								10.30	1000	X	X	X
20																		

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Relinquished By: Minnix Date: 11.3.25 Time: 1234 Received By:
Relinquished By: Date: Time: Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: CDixon@vertexresource.com, SMinnix@vertexresource.com, Permian@vertexresource.com

REMARKS: Direct Bill EOG Resource Inc

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #140
Correction Factor -0.6°C +0.3°

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
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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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 (Direct Bill EOG)
Project Manager: Chance Dixon
Address: 3101 Boyd Drive
City: Carlsbad State: NM Zip: 88220
Phone #: 575.725.5001 Fax #:
Project #: 25A-03091 Project Owner: EOG Resource Inc
Project Name: Padron AST
Project Location: Eddy
Sampler Name: Sharon Minnix

BILL TO
P.O. #:
Company: EOG Resource Inc.
Attn: Chase Settle
Address: 5509 Champion 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	CL	TPH
4254905	BS25-309 2'	C	1			X					X			10.30	815	X	X	X
21	BS25-426 2'	C	X			X								10.30	835	X	X	X
22	BS25-442 2'	C	1			X								10.30	830	X	X	X
23	BS25-422 2'	C	1			X								10.30	810	X	X	X
24	BS25-441 2'	C	1			X								10.30	825	X	X	X
25	BS25-428 2'	C	1			X								10.30	840	X	X	X
26	BS25-431 2'	C	1			X								10.30	8.20	X	X	X
27	BS25-439-2'	C	1			X								10.30	800	X	X	X
28	BS25-277 2'	C	1			X								10.30	1110	X	X	X
29	BS25-308 2'	C	1			X								10.30	1115	X	X	X
30																		

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 consequental 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: Minnix Date: 11.3.25 Time: 1234 Received By:
Relinquished By: Date: Time: Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: CDixon@vertexresource.com, SMinnix@vertexresource.com, Permian@vertexresource.com
REMARKS: Bill to EOG Resource Inc.

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 ☒ Rush ☐
Thermometer ID #140 Correction Factor -0.6°C to 3
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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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 (direct bill) EOG
Project Manager: Chance Dixon
Address: 3101 Boyd Dr
City: Carlsbad State: NM Zip: 88220
Phone #: 575.725.5001 Fax #:
Project #: 25A-03091 Project Owner:
Project Name: Padron AST
Project Location: Eddy
Sampler Name: Shaval Minnix

BILL TO
P.O. #:
Company: EOG
Attn: Chase Settle
Address: 5509 Champion 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	CI	TPH
H256905																	
31	BS25-317 2ft	C	1			X					X		10/30	12:00	X	X	X
32	BS25-318 2ft	C	1			X					X		10/30	12:05	X	X	X
33	BS25-322 2ft	C	1			X					X		10/30	12:10	X	X	X
34	BS25-394 2ft	C	1			X					X		10/30	12:15	X	X	X
35	BS25-420 2ft	C	2			X					X		10/30	12:20	X	X	X
36	BS25-425 2ft	C	1			X					X		10/30	12:35	X	X	X
37	BS25-444 2ft	C	1			X					X		10/30	12:30	X	X	X

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Relinquished By: Date: 11.20.25 Time: 1224 Received By:
Relinquished By: Date: Time: Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: CDixon@vertexresource.com SMinnix@vertexresource.com
REMARKS: Permian@vertexresource.com
direct bill to EOG

Turnaround Time: Standard ☒ Rush ☐
Thermometer ID #140
Correction Factor -0.6°C +0.3°

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

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

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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: PADRON AST

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

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:	10/30/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	PADRON AST	Sampling Condition:	Cool & Intact
Project Number:	25A-03091	Sample Received By:	Alyssa Parras
Project Location:	EOG - EDDY CO., NM		

Sample ID: BS 25 - 171 2' (H256906-01)

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	2.25	112	2.00	5.58	
Toluene*	<0.050	0.050	11/04/2025	ND	1.99	99.7	2.00	3.78	
Ethylbenzene*	<0.050	0.050	11/04/2025	ND	2.09	104	2.00	4.09	
Total Xylenes*	<0.150	0.150	11/04/2025	ND	6.58	110	6.00	4.52	
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: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	11/04/2025	ND	400	100	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	11/03/2025	ND	186	93.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	11/03/2025	ND	199	99.5	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	11/03/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *101 %* *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

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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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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(575) 393-2326 FAX (575) 393-2476

Company Name:	Vertex Resource (Direct bill EOG)
Project Manager:	chance Dixon
Address:	3101 Boyd Dr
City:	Carlsbad State: NM Zip: 88220
Phone #:	575.725.5001 Fax #:
Project #:	25A-03091 Project Owner:
Project Name:	Padron AST
Project Location:	Eddy
Sampler Name:	Sharon Minnix

BILL TO

P.O. #:	
Company:	EOG Resource Inc
Attn:	Chase Settles
Address:	5509 Champion Dr
City:	Midland
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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	Cl	TPH
H25000 1	BS25-171 2'	C	1			X					X		10.30	920	X	X	X

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Relinquished By:	Date: 11.3.25	Received By:	
Relinquished By:	Time: 1234	Received By:	
Delivered By: (Circle One)	Date:	Time:	
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

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address: cDixon@vertexresource.com, SMinnix@vertexresource.com, Permian@vertexresource.com

REMARKS: Direct Bill to EOG Resource Inc

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 3.5 08/05/24

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Released to Imaging: 2/19/2026 3:49:38 PM

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: 537472
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2515337712**
Incident Name	**NAPP2515337712 PADRON 10 STATE COM CTB AST @ FAPP2412725430**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fAPP2412725430] Padron 10 SC CTB**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PADRON 10 STATE COM CTB AST
Date Release Discovered	06/01/2025
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Corrosion | Valve | Produced Water | Released: 65 BBL | Recovered: 25 BBL | Lost: 40 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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: 537472
	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: 12/24/2025

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

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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 75 and 100 (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 ½ and 1 (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	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (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	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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)	9520
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		09/24/2025
On what date will (or did) the final sampling or liner inspection occur		10/31/2025
On what date will (or was) the remediation complete(d)		11/15/2025
What is the estimated surface area (in square feet) that will be reclaimed		23017
What is the estimated volume (in cubic yards) that will be reclaimed		1208
What is the estimated surface area (in square feet) that will be remediated		80106
What is the estimated volume (in cubic yards) that will be remediated		3946
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

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: 12/24/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS

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

Sampling Event Information	
Last sampling notification (C-141N) recorded	**527449**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**11/21/2025**
What was the (estimated) number of samples that were to be gathered	**10**
What was the sampling surface area in square feet	**2000**

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	87220
What was the total volume (cubic yards) remediated	6193
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	29483
What was the total volume (in cubic yards) reclaimed	2888
Summarize any additional remediation activities not included by answers (above)	Full remedial activities are included in detail within 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: 12/24/2025

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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

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CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	2/19/2026