



Incident Number: nAPP2422050186

Release Assessment and Closure

Sand Point Reclamation Facility

Unit K, Section 02, Township 21 South, Range 28 East

Facility ID: fVV2130741319

County: Eddy

Vertex File Number: 24E-04209

Prepared for:

Production Waste Solutions, LLC

Prepared by:

Vertex Resource Services Inc.

Date:

February 2026

Production Waste Solutions LLC
Sand Point Reclamation Facility

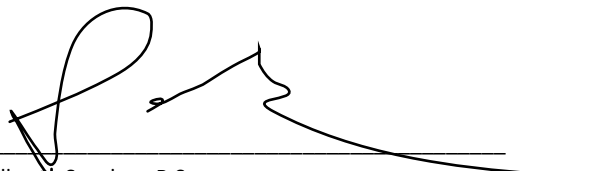
Release Assessment and Closure
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Sand Point Reclamation Facility
Unit K, Section 02, Township 21 South, Range 28 East
Facility ID: fVV2130741319
County: Eddy


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Table of Contents

1.0	Introduction	1
2.0	Incident Description	1
3.0	Site Characteristics	1
4.0	Closure Criteria Determination	2
5.0	Remedial Actions Taken.....	4
6.0	Closure Request.....	5
7.0	References	6
8.0	Limitations	7

In-text Tables

- Table 1. Closure Criteria Determination
- Table 2. Closure Criteria for Soils Impacted by a Release

List of Figures

- Figure 1. Characterization Sampling Site Schematic
- Figure 2. Confirmatory Sampling Site Schematic

List of Tables

- Table 3. Initial Characterization Sample Laboratory Results – Depth to Groundwater \leq 50 feet bgs
- Table 4. Confirmatory Sample Laboratory Results – Depth to Groundwater \leq 50 feet bgs

List of Appendices

- Appendix A. Daily Field Reports
- Appendix B. Laboratory Data Reports and Chain of Custody Forms
- Appendix C. Liner Inspection Report

1.0 Introduction

Production Waste Solutions, LLC (Production Waste Solutions) retained Vertex Resource Services Inc. (Vertex) to conduct a Release Assessment and Closure for a produced water and crude oil on October 22, 2023, at Sand Point Reclamation Facility, facility ID: fVV2130741319 (hereafter referred to as the “site”). Production Waste Solutions submitted an initial C-141 Release Notification to New Mexico Oil Conservation Division (NMOCD) on August 7, 2024. Incident ID number nAPP2422050186 was assigned to this incident.

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

2.0 Incident Description

The release occurred on October 22, 2023, due to a fire at the facility. The incident was reported on August 7, 2024, and involved the release of approximately 521 barrels (bbl.) of produced water and crude oil into the lined containment. Additional details relevant to the release are presented in the C-141 Report, Daily Field Report (DFRs), and site photographs are included in Appendix B.

3.0 Site Characteristics

The site is located approximately 12 miles northeast of Carlsbad, New Mexico. The legal location for the site is Unit K, Section 02, Township 21 South and Range 28 East in Eddy County, New Mexico. The release area is located on private property. An aerial photograph and site schematic are presented on Figure 1.

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

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2026) indicates the site’s surface geology primarily comprises Qe - eolian (Holocene to upper Pleistocene), and the soil at the site is characterized as loamy sand (United States Department of Agriculture, Natural Resources Conservation Service, 2026). Additional soil characteristics include a drainage class of well drained with a runoff class of very low. The karst geology potential for the site is medium (United States Department of the Interior, Bureau of Land Management, 2018).

The surrounding landscape is associated with plains and dunes with elevations ranging between 3,000 to 5,000 feet. The climate is semiarid with average annual precipitation ranging between 10 and 15 inches. Using information from the United States Department of Agriculture, the dominant vegetation was determined to be grasses and mesquite. Grasses with shrubs and half-shrubs dominate the historic plant community (United States Department of Agriculture,

Natural Resources Conservation Service, 2026). Limited to no vegetation is allowed to grow on the compacted production pad, right-of-way and access road.

4.0 Closure Criteria Determination

The nearest active well to the site is a New Mexico Office of the State Engineer (NMOSE) monitoring well located approximately 0.04 miles southwest of the location (United States Geological Survey, 2026). Data from 2024 shows the NMOSE borehole recorded a depth to groundwater of 160 feet below ground surface (bgs). Information pertaining to the depth to ground water determination submitted to the state in Workplan Submission.

There is no surface water present at the site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is an intermittent stream located approximately 0.28 miles south of the site (United States Fish and Wildlife Service, 2026).

At the site, there are no continuously flowing watercourses or significant watercourses, lakebeds, sinkholes, playa lakes or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

Production Waste Solutions LLC
Sand Point Reclamation Facility

Release Assessment and Closure
February 2026

Table 1. Closure Criteria Determination			
Site Name: Sand Point Reclamation Facility			
Spill Coordinates: 32.515855, -104.06135		X: 588228.16785	Y: 3597941.8893
Site Specific Conditions		Value	Unit
1	Depth to Groundwater (nearest reference)	160	feet
	Distance between release and nearest DTGW reference	183	feet
		0.04	miles
Date of nearest DTGW reference measurement		August 31, 2024	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	1,468	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	4,623	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	26,522	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	237	feet
	ii) Within 1000 feet of any fresh water well or spring	237	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	1,468	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
	Distance between release and nearest registered mine	14,673	feet
9	Within an unstable area (Karst Map)	Medium	Critical High Medium Low
	Distance between release and nearest unstable area	249	feet
10	Within a 100-year Floodplain	100-500	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	3,800	feet
11	Soil Type	Pajarito- Dune Land Complex	
12	Ecological Classification	Loamy Sand	
13	Geology	Qe Eolian	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	<50'	<50' 51-100' >100'

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

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

TDS – total dissolved solids

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

BTEX – benzene, toluene, ethylbenzene and xylenes

DTGW – depth to groundwater

5.0 Remedial Actions Taken

An initial site inspection of the release area was completed on September 23, 2024, which identified the area of the release specified in the initial C-141 Report. The impacted area was determined to be approximately 3,771 square feet. The DFR associated with the site inspection is included in Appendix A.

Remediation efforts began and were finalized on January 29, 2026. Vertex personnel guided the excavation of impacted soils. Impacted soil were originally intended to be stored on a 20-mil liner but the limitation of a loader available the only reasonable removal of the contaminated soils was to unload all excavated material straight to a licensed waste hauler and disposed of at an approved waste management facility. DFRs documenting various phases of remediation are presented in Appendix A.

Confirmatory composite samples were collected from the base and walls of the excavation in 200 square foot increments. A total of 26 samples were collected for laboratory analysis following NMOCD soil sampling procedures. Samples were submitted to Eurofins under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015B) and total chlorides (EPA Method 300.0). Laboratory results are presented in Table 4, and the laboratory data reports are included in Appendix B. All confirmatory samples collected and analyzed were below closure criteria for the site.

The concrete tank battery was inspected by Souder Miller & Associates (SMA) licensed engineer Sergio Acosta on October 17, 2025. The report associated with the inspection is included in Appendix C.

6.0 Closure Request

The release area was fully delineated, remediated, and backfilled with local soils. Confirmatory samples were analyzed by the laboratory and found to be below allowable concentrations as per the NMAC Closure Criteria for Soils Impacted by a Release locations "under 50 feet to groundwater". Based on these findings, Production Waste Solutions LLC requests that this release be closed.

Should you have any questions or concerns, please do not hesitate to contact Chad Hensley at 575.200.6167 or chensley@vertexresource.com

7.0 References

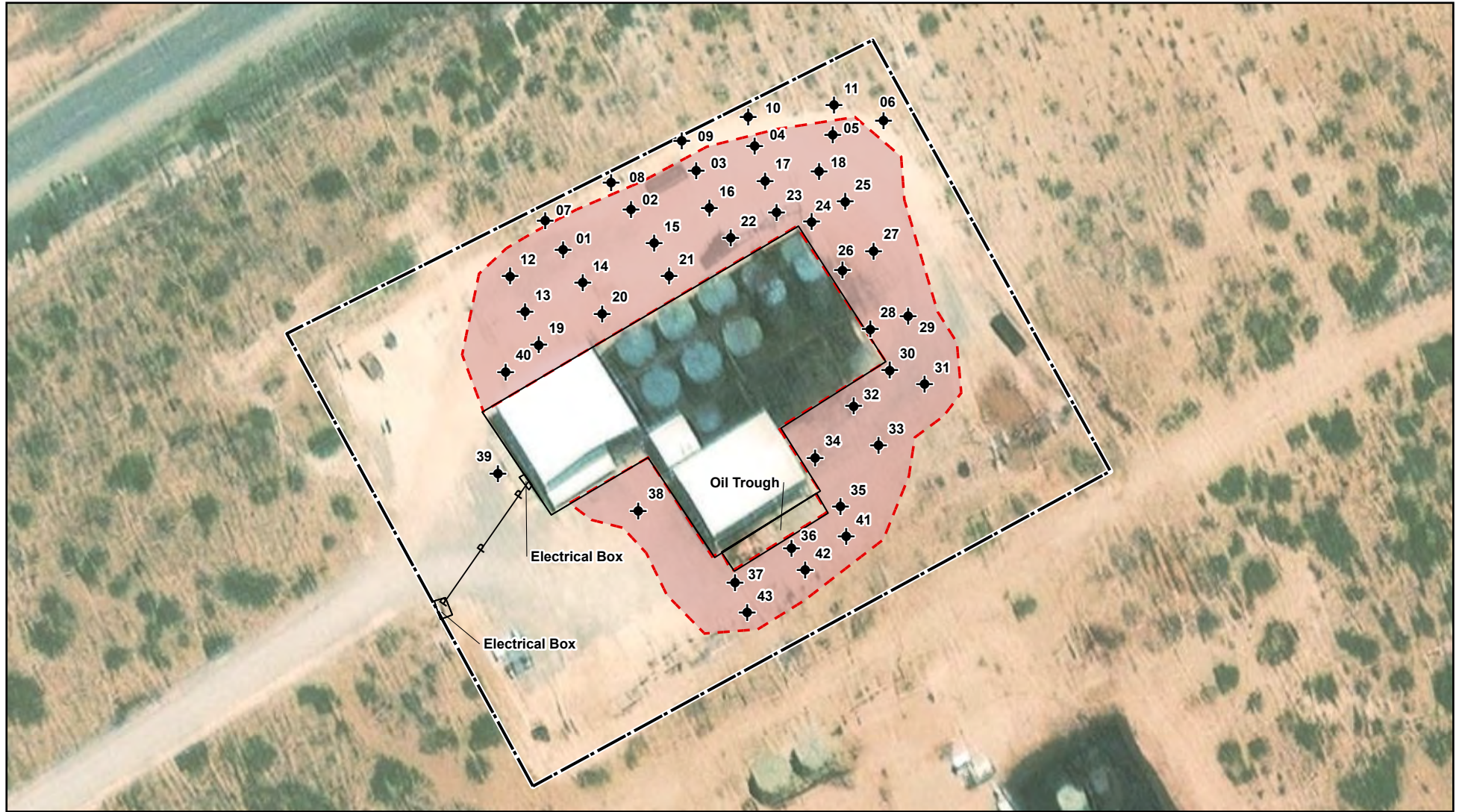
- Google Inc. (2026). *Google Earth Pro (Version 7.3.3)* [Software]. Retrieved from <https://earth.google.com>
- New Mexico Bureau of Geology and Mineral Resources. (2026). *Interactive Geologic Map*. Retrieved from <https://maps.nmt.edu/>
- New Mexico Department of Surface Water Quality Bureau. (2026). *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. (2026). *OCD Permitting - Spill Search*. Retrieved from <https://wwwapps.emnrd.nm.gov/ocd/ocdpermitting/Data/Spills/Spills.aspx>
- New Mexico Mining and Minerals Division. (2026). *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. (2026a). *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. (2026b). *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. (2026c). *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. (2026). *Web Soil Survey*. Retrieved from <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>
- United States Department of Homeland Security, Federal Emergency Management Agency. (2026). *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 Geological Survey. (2026). *National Water Information System: Web Interface*. Retrieved from <https://waterdata.usgs.gov/nwis>
- United States Fish and Wildlife Service. (2026). *National Wetland Inventory - Surface Waters and Wetlands*. Retrieved from <https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/>

8.0 Limitations

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

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

FIGURES



◆ Borehole (Prefixed by "BH24-") — Powerline [] Approximate Site Boundary [] Infrastructure [] Release Area (~ 32,033 sq. ft. | 1,408 ft.)



0 25 50 ft
 NAD 1983 UTM Zone 13N
 Date: Oct 08/24

Map Center:
 Lat/Long
 32.516054°, -104.060879°



Characterization Sampling Site Schematic Sand Point Reclamation Facility

FIGURE:

1



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

Note: Georeferenced image from Esri, 2023. Approximate site boundary from sketch by Vertex Professional Services Ltd. (Vertex), 2024. Site features from GPS, Vertex, 2024.

VERSATILITY. EXPERTISE.



- Base Sample (Prefixed by "BS26-")
- ▲ Wall Sample (Prefixed by "WS26-")
- Powerline
- ⎓ Approximate Lease Boundary
- ⎓ Excavation to 1' bgs (~1,043 sq.ft.)
- ⎓ Excavation to 1' bgs (~2,003 sq.ft.)
- ⎓ Excavation to 1' bgs (~465 sq.ft.)
- ⎓ Excavation to 5' bgs (~260 sq.ft.)



0 25 50 ft
 NAD 1983 UTM Zone 13N
 Date: Feb 10/26

Map Center:
 Lat/Long
 32.516154°, -104.060821°



Confirmation Schematic Sand Point Reclamation Facility

FIGURE:

2



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

Note: Georeferenced image from Esri, 2023. Approximate lease boundary from sketch by Vertex Professional Services Ltd. (Vertex), 2024. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.

TABLES

Client Name: Production Waste Solutions, LLC
 Site Name: Sand Point Reclamation Facility
 NMOCD Tracking #: nAPP2422050186
 Project #:24E-04209
 Lab Report: 890-7172-1,885-12721-1, 890-9171-1

Table 3. Initial Characterization Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			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)	
BH24-01	0	September 23,2024	ND	ND	ND	56	ND	56	56	660
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	14
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	30
BH24-02	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	430
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	42
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	14
BH24-03	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	1100
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	64
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	25
BH24-04	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	640
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	42
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	8.4
BH24-05	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	640
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	10
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	ND
BH24-06	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	10
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	14
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	21
BH24-07	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	120
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	38
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	15
BH24-08	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	1.1
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	80
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	62
BH24-09	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	32
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	53
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	34
BH24-10	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	120
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	24
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	50
BH24-11	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	36
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	24
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	21
BH24-12	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	23
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	53
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	15
BH24-13	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	26
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	12
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	7.8



Table 3. Initial Characterization Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			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)	
BH24-14	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	15
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	6
BH24-15	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	240
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	470
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	140
BH24-16	0	September 23,2024	ND	ND	ND	ND	ND	ND	ND	17
	2	September 23,2024	ND	ND	ND	ND	ND	ND	ND	14
	4	September 23,2024	ND	ND	ND	ND	ND	ND	ND	27
BH24-17	0	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	120
	2	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	21
	4	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	5.4
BH24-18	0	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	23
	2	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	ND
	4	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	ND
BH24-19	0	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	17
	2	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	22
	4	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	20
BH24-20	0	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	ND
	2	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	16
	4	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	8
BH24-21	0	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	48
	2	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	8.7
	4	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	7.7
BH24-22	0	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	12
	2	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	9.8
	4	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	24
BH24-23	0	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	6.5
	2	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	6.2
	4	September 24, 2024	ND	ND	ND	ND	ND	ND	ND	6
BH24-24	0	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	550
	2	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	44
	4	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	17
BH24-25	0	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	250
	2	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	41
	4	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	50
BH24-26	0	September 25, 2024	ND	ND	ND	64	ND	64	64	79
	2	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	42
	4	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	22
BH24-27	0	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	59
	2	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	21
	4	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	26
BH24-28	0	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	130
	2	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	49
	4	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	54
BH24-29	0	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	140
	2	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	45
	4	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	110



Table 3. Initial Characterization Sample Laboratory Results										
Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			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)	
BH24-30	0	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	510
	2	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	97
	4	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	70
BH24-31	0	September 25, 2024	ND	ND	ND	51	ND	51	51	480
	2	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	40
	4	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	120
BH24-32	0	September 25, 2024	ND	ND	ND	91	ND	91	91	4300
	2	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	290
	4	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	89
BH24-33	0	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	210
	2	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	39
	4	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	150
BH24-34	0	September 25, 2024	ND	ND	ND	260	ND	260	260	200
	2	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	50
	4	September 25, 2024	ND	ND	ND	ND	ND	ND	ND	15
BH24-35	0	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	1700
	2	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	330
	4	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	220
BH24-36	0	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	9800
	2	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	2200
	4	December 4, 2025	ND	ND	ND	ND	ND	ND	ND	902
	5	December 4, 2025	ND	ND	ND	ND	ND	ND	ND	61
BH24-37	0	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	260
	2	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	140
BH24-38	0	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	130
	2	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	23
BH24-39	0	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	6.8
	2	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	22
	4	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	37
BH24-40	0	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	46
	2	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	ND
	4	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	90
BH24-41	0	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	510
	2	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	580
BH24-42	0	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	160
BH24-43	0	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	170
	2	September 26, 2024	ND	ND	ND	ND	ND	ND	ND	37

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

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



Client Name: Production Waste Solutions, LLC
 Site Name: Sand Point Reclamation Facility
 NMOCD Tracking #: nAPP2422050186
 Project #:24E-04209
 Lab Report: 885-42224-1

Table 4. Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
BS26-01	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-02	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	110
BS26-03	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	62
BS26-04	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	240
BS26-05	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	58
BS26-06	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-07	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-08	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	80
BS26-09	5	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-10	5	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-11	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-12	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-13	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	240
BS26-14	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	250
BS26-15	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-16	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-17	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-18	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	60
BS26-19	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-20	1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	120
WS26-01	0-1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
WS26-02	0-1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
WS26-03	0-5	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
WS26-04	0-5	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND
WS26-05	0-1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	150
WS26-06	0-1	January 29, 2026	ND	ND	ND	ND	ND	ND	ND	75
Caliche		January 29, 2026	ND	ND	ND	ND	ND	ND	ND	ND

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

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



APPENDIX A – Daily Field and Report(s)



Daily Site Visit Report

Viewing Direction: Northwest

Descriptive Photo - 6
Viewing Direction: Northwest
Desc: BH24-21 at 4ft bgs.
Created: 9/24/2024 9:21:53 AM
Lat:32.516382, Long:-104.061198

BH24-21 at 4ft bgs. Samples collected at 0, 2, and 4ft bgs.

Viewing Direction: Northeast

Descriptive Photo - 6
Viewing Direction: Northwest
Desc: BH24-22 at 4ft bgs.
Created: 9/24/2024 9:28:31 AM
Lat:32.516382, Long:-104.061198

BH24-22 at 4ft bgs. Samples collected at 0, 2, and 4ft bgs.

Viewing Direction: North

Descriptive Photo - 7
Viewing Direction: South
Desc: BH24-07 at 4ft.
Created: 9/24/2024 10:08:06 AM
Lat:32.516386, Long:-104.061288

BH24-07 at 4ft. Sample collected at 4ft.

Viewing Direction: North

Descriptive Photo - 8
Viewing Direction: North
Desc: BH24-08 at 4ft.
Created: 9/24/2024 10:16:16 AM
Lat:32.516383, Long:-104.061198

BH24-08 at 4ft. Sample collected at 4ft.



Daily Site Visit Report

Site Photos

Viewing Direction: West



BH24-17 at 4ft. Samples collected at 0, 2, and 4ft bgs.

Viewing Direction: West



BH24-18 at 4ft. Samples collected at 0, 2, and 4ft bgs.

Viewing Direction: East



BH24-19 at 4ft bgs. Samples collected at 0, 2, and 4ft bgs.

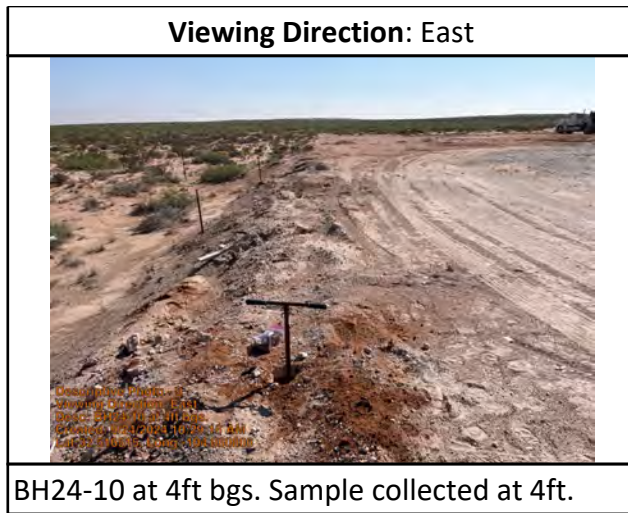
Viewing Direction: North



BH24-20 at 4ft bgs. Samples collected at 0, 2, and 4ft bgs.



Daily Site Visit Report





Daily Site Visit Report

Site Photos

Viewing Direction: West



BH24-24 at 4ft bgs. Samples taken at 0, 2, and 4ft bgs.

Viewing Direction: West



BH24-25 at 4ft bgs. Samples taken at 0, 2, and 4ft bgs.

Viewing Direction: West



BH24-26 at 4ft bgs. Samples taken at 0, 2, and 4ft bgs.

Viewing Direction: West



BH24-27 at 4ft bgs. Samples taken at 0, 2, and 4ft bgs.



Daily Site Visit Report

Viewing Direction: Northeast

Descriptive Photo - 8
Viewing Direction: Northeast
Date: 9/26/24 at 4ft bgs
Created: 9/26/2024 9:52:30 AM
Lat:32.516191, Long:-104.060869

BH24-28 at 4ft bgs. Samples taken at 0, 2, and 4ft bgs.

Viewing Direction: North

Descriptive Photo - 6
Viewing Direction: North
Date: 9/26/24 at 4ft
Created: 9/26/2024 10:16:28 AM
Lat:32.516517, Long:-104.061649

BH24-29 at 4ft bgs. Samples taken at 0, 2, and 4ft bgs.

Viewing Direction: East

Descriptive Photo - 1
Viewing Direction: Northeast
Date: 9/26/24 at 4ft bgs
Created: 9/26/2024 11:21:02 AM
Lat:32.516517, Long:-104.061649

BH24-30 at 4ft bgs. Samples taken at 0, 2, and 4ft bgs.

Viewing Direction: East

Descriptive Photo - 2
Viewing Direction: East
Date: 9/26/24 at 4ft bgs
Created: 9/26/2024 11:21:02 AM
Lat:32.516517, Long:-104.061649

BH24-31 at 4ft bgs. Samples taken at 0, 2, and 4ft bgs.



Daily Site Visit Report

Viewing Direction: North



BH24-32 at 4ft bgs. Samples taken at 0, 2, and 4ft bgs.

Viewing Direction: North



BH24-33 at 4ft bgs. Samples taken at 0, 2, and 4ft bgs.

Viewing Direction: West



BH24-34 at 4ft bgs. Samples taken at 0, 2, and 4ft bgs.



Daily Site Visit Report

Site Photos

Viewing Direction: West



Descriptive Photo - 1
Viewing Direction: West
Date: 12/4/2025 1:32:56 PM
Lat: 32.515847, Long: -104.060748

BH25-36 @ 3'

Viewing Direction: North



Descriptive Photo - 2
Viewing Direction: North
Date: 12/4/2025 1:40:14 PM
Created: 12/4/2025 1:42:54 PM
Lat: 32.515847, Long: -104.060748

BH25-36 @ 3-7' in 1' increments

Viewing Direction: North



Descriptive Photo - 3
Viewing Direction: North
Date: Excav down to 7'
Created: 12/4/2025 1:44:14 PM
Lat: 32.515844, Long: -104.060748

Excav down to 7'

Viewing Direction: West



Descriptive Photo - 4
Viewing Direction: West
Date: Excav down to 7'
Created: 12/4/2025 1:44:38 PM
Lat: 32.515844, Long: -104.060748

Excav down to 7'



Daily Site Visit Report

Site Photos

Viewing Direction: Northeast



Description: 1
Viewing Direction: Northeast
Date: 1/22/2026 1:47:15 AM
Created: 1/22/2026 1:47:15 AM
Lat: 32.518448, Long: -104.068822

1' excavation northeast of pad.

Viewing Direction: North



Description: 1
Viewing Direction: North
Date: 1/22/2026
Created: 1/22/2026 1:47:15 AM
Lat: 32.518448, Long: -104.068822

BS26-01 @ 1'

Viewing Direction: East



Description: 2
Viewing Direction: East
Date: 1/22/2026
Created: 1/22/2026 1:51:01 AM
Lat: 32.518448, Long: -104.068822

BS26-02 @ 1'

Viewing Direction: East

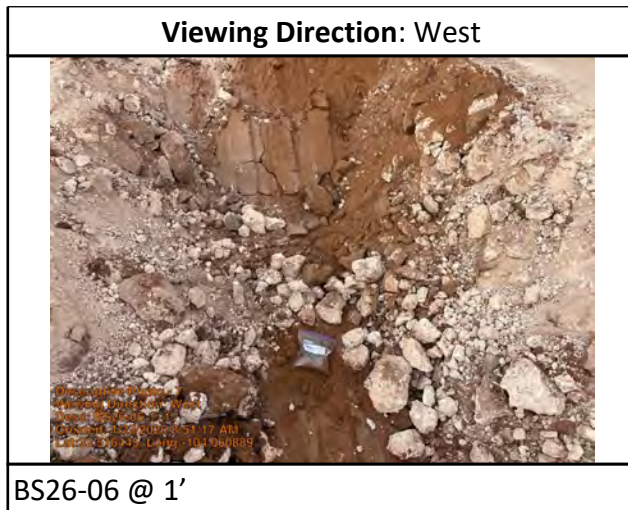
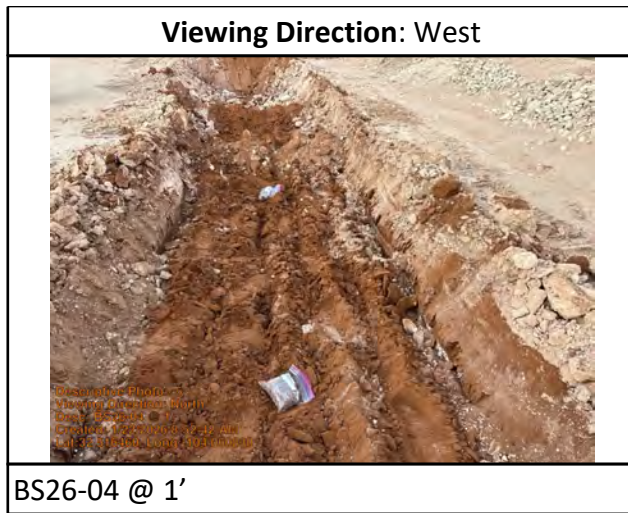


Description: 3
Viewing Direction: East
Date: 1/22/2026
Created: 1/22/2026 1:51:01 AM
Lat: 32.518448, Long: -104.068822

BS26-03 @ 1'

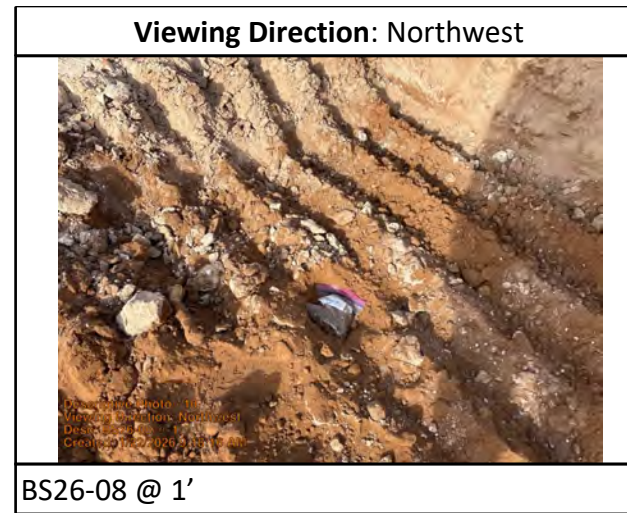


Daily Site Visit Report



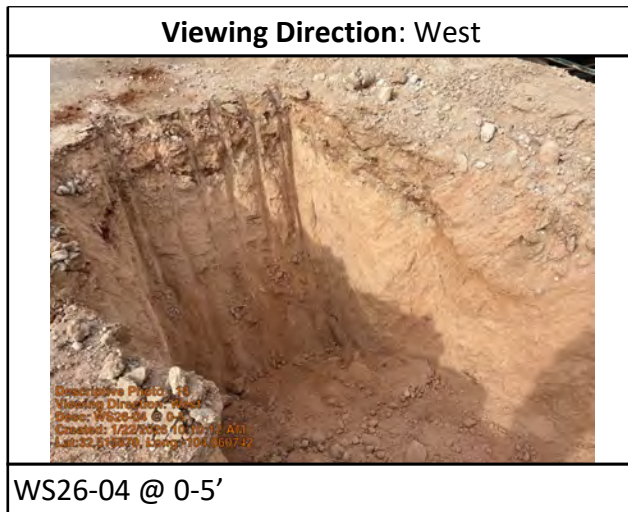
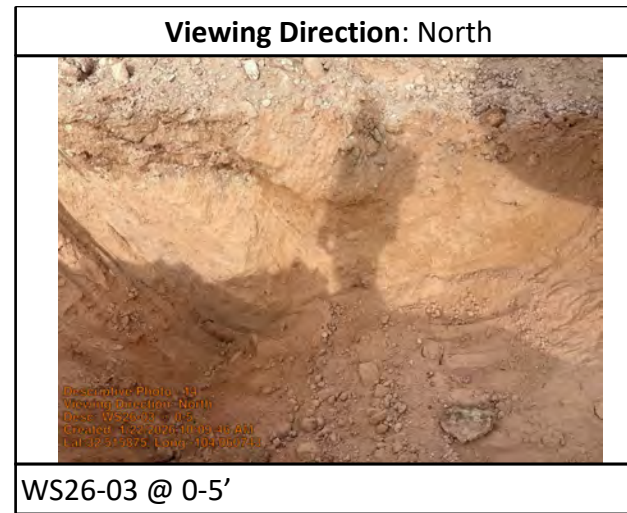
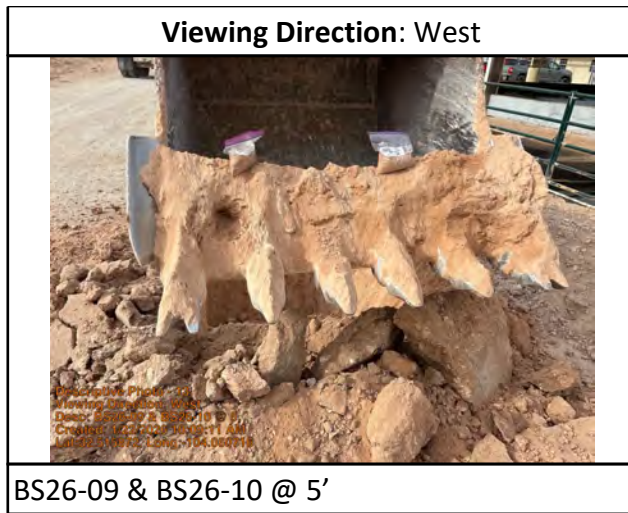


Daily Site Visit Report



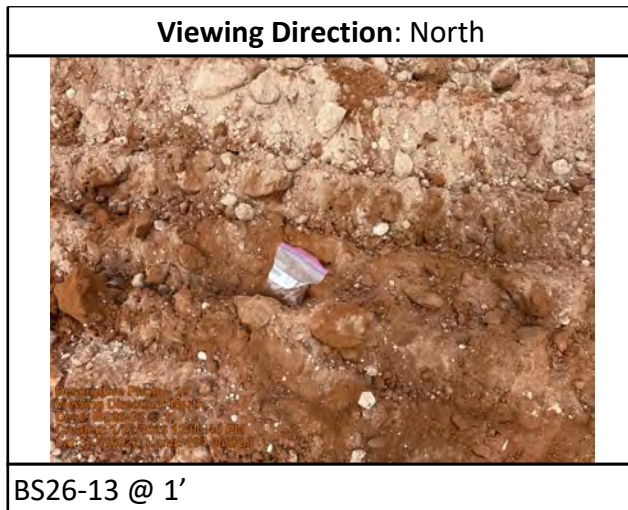
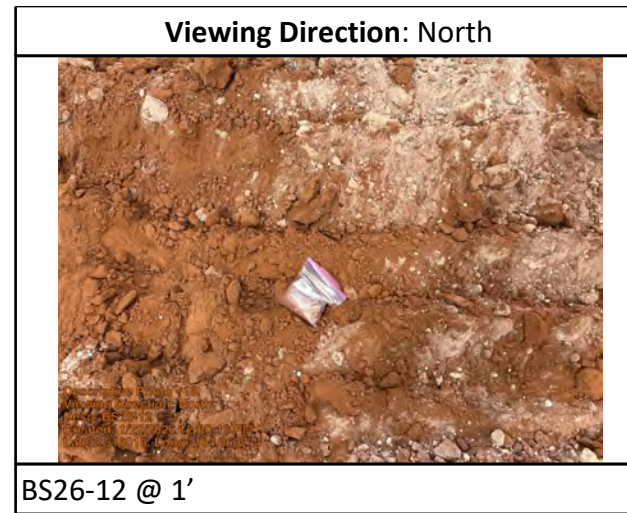
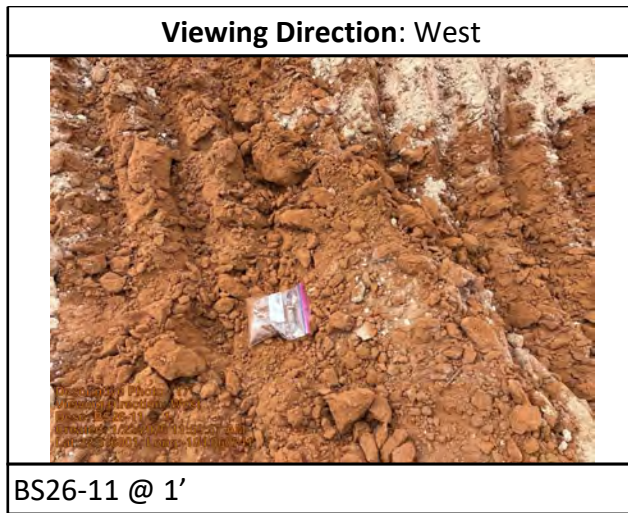


Daily Site Visit Report



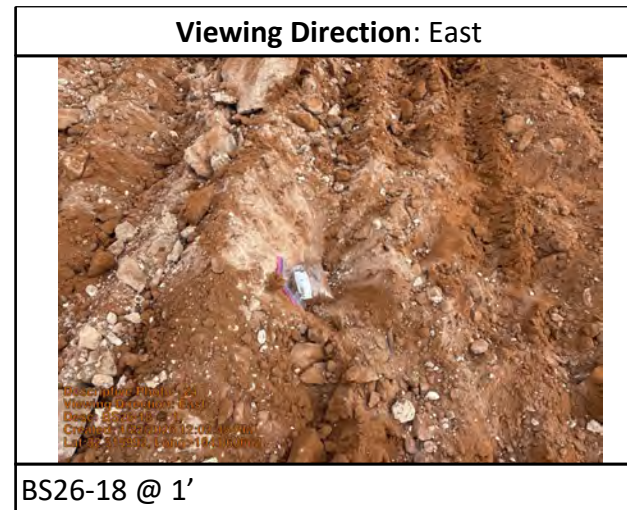
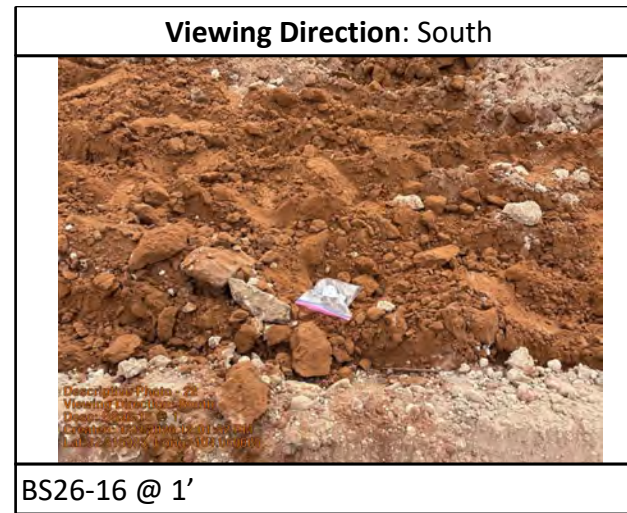
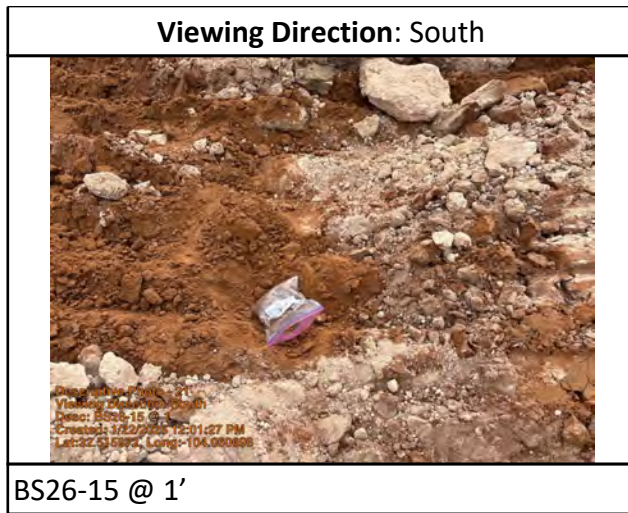


Daily Site Visit Report



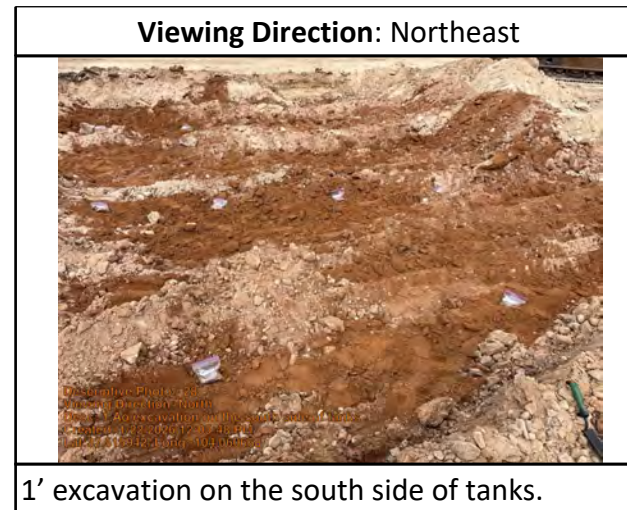
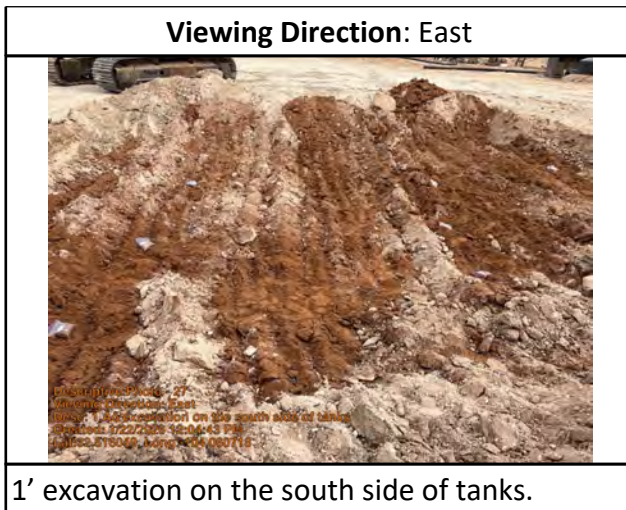
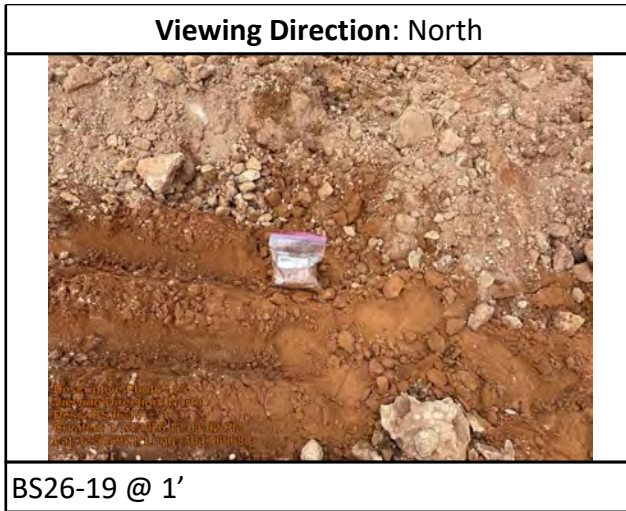


Daily Site Visit Report





Daily Site Visit Report





Daily Site Visit Report

Viewing Direction: Southeast



WS26-05 @ 0-1'

APPENDIX B – Laboratory Data Report(s) and Chain of Custody Form(s)



Environment Testing

- 1
- 2
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ANALYTICAL REPORT

PREPARED FOR

Attn: Chad Hensley
 Vertex
 3101 Boyd Dr
 Carlsbad, New Mexico 88220

Generated 10/8/2024 2:29:43 PM

JOB DESCRIPTION

Sand Point Reclamation Facility
 24 E - 04209

JOB NUMBER

890-7172-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/8/2024 2:29:43 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Client: Vertex
Project/Site: Sand Point Reclamation Facility

Laboratory Job ID: 890-7172-1
SDG: 24 E - 04209

- 1
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- 3
- 4
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- 9
- 10
- 11
- 12
- 13
- 14

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	22
QC Sample Results	24
QC Association Summary	30
Lab Chronicle	35
Certification Summary	42
Method Summary	43
Sample Summary	44
Chain of Custody	45
Receipt Checklists	47

Definitions/Glossary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
SDG: 24 E - 04209

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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: Sand Point Reclamation Facility

Job ID: 890-7172-1

Job ID: 890-7172-1

Eurofins Carlsbad

Job Narrative 890-7172-1

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

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

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

Receipt

The samples were received on 9/27/2024 12:52 PM. 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 5.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH 24 - 35 0' (890-7172-1), BH 24 - 35 2' (890-7172-2), BH 24 - 35 4' (890-7172-3), BH 24 - 36 0' (890-7172-4), BH 24 - 36 2' (890-7172-5), BH 24 - 37 0' (890-7172-6), BH 24 - 37 2' (890-7172-7), BH 24 - 38 0' (890-7172-8), BH 24 - 38 2' (890-7172-9), BH 24 - 39 0' (890-7172-10), BH 24 - 39 2' (890-7172-11), BH 24 - 39 4' (890-7172-12), BH 24 - 40 0' (890-7172-13), BH 24 - 40 2' (890-7172-14), BH 24 - 40 4' (890-7172-15), BH 24 - 41 0' (890-7172-16), BH 24 - 41 2' (890-7172-17), BH 24 - 42 0' (890-7172-18), BH 24 - 43 0' (890-7172-19) and BH 24 - 43 2' (890-7172-20).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-92120 and analytical batch 880-92039 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH 24 - 41 2' (890-7172-17) and BH 24 - 42 0' (890-7172-18). 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 880-91951 and analytical batch 880-92039 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-92237 and analytical batch 880-92217 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH 24 - 36 2' (890-7172-5), BH 24 - 39 2' (890-7172-11), BH 24 - 39 4' (890-7172-12), BH 24 - 40 0' (890-7172-13) and BH 24 - 40 2' (890-7172-14). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-92048 and analytical batch 880-92175 was outside the upper control limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-92048/2-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-92048/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-92047 and analytical batch 880-92175 was outside the upper control limits.

Method 8015MOD_NM: The closing continuing calibration verification (CCVC) associated with batch 880-92175 recovered above

Eurofins Carlsbad

Case Narrative

Client: Vertex
Project: Sand Point Reclamation Facility

Job ID: 890-7172-1

Job ID: 890-7172-1 (Continued)

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the upper control limit for Gasoline Range Organics (GRO)-C6-C10. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been 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.

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Eurofins Carlsbad

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 35 0'

Lab Sample ID: 890-7172-1

Date Collected: 09/26/24 08:30

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 13:59	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 13:59	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 13:59	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 13:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			10/01/24 10:10	10/01/24 13:59	1
1,4-Difluorobenzene (Surr)	105		70 - 130			10/01/24 10:10	10/01/24 13:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 13:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/01/24 22:34	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	<50		50	mg/Kg		09/29/24 20:56	10/01/24 22:34	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 22:34	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 22:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			09/29/24 20:56	10/01/24 22:34	1
o-Terphenyl	76		70 - 130			09/29/24 20:56	10/01/24 22:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		25	mg/Kg			10/02/24 01:46	5

Client Sample ID: BH 24 - 35 2'

Lab Sample ID: 890-7172-2

Date Collected: 09/26/24 08:40

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 14:19	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 14:19	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 14:19	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 14:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			10/01/24 10:10	10/01/24 14:19	1
1,4-Difluorobenzene (Surr)	105		70 - 130			10/01/24 10:10	10/01/24 14:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 14:19	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 35 2'

Lab Sample ID: 890-7172-2

Date Collected: 09/26/24 08:40

Matrix: Solid

Date Received: 09/27/24 12:52

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/01/24 22:51	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	<50		50	mg/Kg		09/29/24 20:56	10/01/24 22:51	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 22:51	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 22:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			09/29/24 20:56	10/01/24 22:51	1
o-Terphenyl	79		70 - 130			09/29/24 20:56	10/01/24 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		5.0	mg/Kg			10/02/24 01:52	1

Client Sample ID: BH 24 - 35 4'

Lab Sample ID: 890-7172-3

Date Collected: 09/26/24 08:50

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 14:40	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 14:40	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 14:40	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 14:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130			10/01/24 10:10	10/01/24 14:40	1
1,4-Difluorobenzene (Surr)	109		70 - 130			10/01/24 10:10	10/01/24 14:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 14:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/01/24 23:07	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	<50		50	mg/Kg		09/29/24 20:56	10/01/24 23:07	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 23:07	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 23:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			09/29/24 20:56	10/01/24 23:07	1
o-Terphenyl	75		70 - 130			09/29/24 20:56	10/01/24 23:07	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 35 4'

Lab Sample ID: 890-7172-3

Date Collected: 09/26/24 08:50

Matrix: Solid

Date Received: 09/27/24 12:52

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		5.0	mg/Kg			10/02/24 01:57	1

Client Sample ID: BH 24 - 36 0'

Lab Sample ID: 890-7172-4

Date Collected: 09/26/24 09:00

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 15:00	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 15:00	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 15:00	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	10/01/24 10:10	10/01/24 15:00	1
1,4-Difluorobenzene (Surr)	114		70 - 130	10/01/24 10:10	10/01/24 15:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 15:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/01/24 23:23	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	<50		50	mg/Kg		09/29/24 20:56	10/01/24 23:23	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 23:23	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 23:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	09/29/24 20:56	10/01/24 23:23	1
o-Terphenyl	87		70 - 130	09/29/24 20:56	10/01/24 23:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9800		100	mg/Kg			10/02/24 02:02	20

Client Sample ID: BH 24 - 36 2'

Lab Sample ID: 890-7172-5

Date Collected: 09/26/24 09:10

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 15:21	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 15:21	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 15:21	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 15:21	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 36 2'

Lab Sample ID: 890-7172-5

Date Collected: 09/26/24 09:10

Matrix: Solid

Date Received: 09/27/24 12:52

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	10/01/24 10:10	10/01/24 15:21	1
1,4-Difluorobenzene (Surr)	110		70 - 130	10/01/24 10:10	10/01/24 15:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 15:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/01/24 23:40	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	<50		50	mg/Kg		09/29/24 20:56	10/01/24 23:40	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 23:40	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	09/29/24 20:56	10/01/24 23:40	1
o-Terphenyl	89		70 - 130	09/29/24 20:56	10/01/24 23:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		25	mg/Kg			10/03/24 02:02	5

Client Sample ID: BH 24 - 37 0'

Lab Sample ID: 890-7172-6

Date Collected: 09/26/24 09:20

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 15:41	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 15:41	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 15:41	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	10/01/24 10:10	10/01/24 15:41	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/01/24 10:10	10/01/24 15:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 15:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/01/24 23:55	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 37 0'

Lab Sample ID: 890-7172-6

Date Collected: 09/26/24 09:20

Matrix: Solid

Date Received: 09/27/24 12:52

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	<50		50	mg/Kg		09/29/24 20:56	10/01/24 23:55	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 23:55	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 23:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	09/29/24 20:56	10/01/24 23:55	1
o-Terphenyl	80		70 - 130	09/29/24 20:56	10/01/24 23:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		5.0	mg/Kg			10/03/24 02:08	1

Client Sample ID: BH 24 - 37 2'

Lab Sample ID: 890-7172-7

Date Collected: 09/26/24 09:30

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 17:31	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 17:31	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 17:31	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/01/24 10:10	10/01/24 17:31	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/01/24 10:10	10/01/24 17:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 17:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/02/24 00:27	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	<50		50	mg/Kg		09/29/24 20:56	10/02/24 00:27	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 00:27	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 00:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	09/29/24 20:56	10/02/24 00:27	1
o-Terphenyl	82		70 - 130	09/29/24 20:56	10/02/24 00:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		5.0	mg/Kg			10/03/24 02:13	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 38 0'

Lab Sample ID: 890-7172-8

Date Collected: 09/26/24 09:40

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 17:52	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 17:52	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 17:52	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	10/01/24 10:10	10/01/24 17:52	1
1,4-Difluorobenzene (Surr)	112		70 - 130	10/01/24 10:10	10/01/24 17:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 17:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/02/24 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	<50		50	mg/Kg		09/29/24 20:56	10/02/24 00:43	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 00:43	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 00:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	09/29/24 20:56	10/02/24 00:43	1
o-Terphenyl	84		70 - 130	09/29/24 20:56	10/02/24 00:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.0	mg/Kg			10/03/24 02:29	1

Client Sample ID: BH 24 - 38 2'

Lab Sample ID: 890-7172-9

Date Collected: 09/26/24 09:50

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 18:12	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 18:12	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 18:12	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	10/01/24 10:10	10/01/24 18:12	1
1,4-Difluorobenzene (Surr)	117		70 - 130	10/01/24 10:10	10/01/24 18:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 18:12	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 38 2'

Lab Sample ID: 890-7172-9

Date Collected: 09/26/24 09:50

Matrix: Solid

Date Received: 09/27/24 12:52

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/02/24 01:00	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	<50		50	mg/Kg		09/29/24 20:56	10/02/24 01:00	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 01:00	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 01:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			09/29/24 20:56	10/02/24 01:00	1
o-Terphenyl	74		70 - 130			09/29/24 20:56	10/02/24 01:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23		5.0	mg/Kg			10/03/24 02:35	1

Client Sample ID: BH 24 - 39 0'

Lab Sample ID: 890-7172-10

Date Collected: 09/26/24 10:00

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 18:33	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 18:33	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 18:33	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 18:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130			10/01/24 10:10	10/01/24 18:33	1
1,4-Difluorobenzene (Surr)	116		70 - 130			10/01/24 10:10	10/01/24 18:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 18:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/02/24 01:16	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	<50		50	mg/Kg		09/29/24 20:56	10/02/24 01:16	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 01:16	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 01:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130			09/29/24 20:56	10/02/24 01:16	1
o-Terphenyl	86		70 - 130			09/29/24 20:56	10/02/24 01:16	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 39 0'

Lab Sample ID: 890-7172-10

Date Collected: 09/26/24 10:00

Matrix: Solid

Date Received: 09/27/24 12:52

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.8		5.0	mg/Kg			10/03/24 02:40	1

Client Sample ID: BH 24 - 39 2'

Lab Sample ID: 890-7172-11

Date Collected: 09/26/24 10:10

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 18:53	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 18:53	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 18:53	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	10/01/24 10:10	10/01/24 18:53	1
1,4-Difluorobenzene (Surr)	118		70 - 130	10/01/24 10:10	10/01/24 18:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 18:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/02/24 01:32	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	<50		50	mg/Kg		09/29/24 20:56	10/02/24 01:32	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 01:32	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 01:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	09/29/24 20:56	10/02/24 01:32	1
o-Terphenyl	84		70 - 130	09/29/24 20:56	10/02/24 01:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22		5.1	mg/Kg			10/03/24 02:46	1

Client Sample ID: BH 24 - 39 4'

Lab Sample ID: 890-7172-12

Date Collected: 09/26/24 10:20

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 19:14	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 19:14	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 19:14	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 19:14	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 39 4'

Lab Sample ID: 890-7172-12

Date Collected: 09/26/24 10:20

Matrix: Solid

Date Received: 09/27/24 12:52

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	10/01/24 10:10	10/01/24 19:14	1
1,4-Difluorobenzene (Surr)	114		70 - 130	10/01/24 10:10	10/01/24 19:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 19:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/02/24 01:48	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	<50		50	mg/Kg		09/29/24 20:56	10/02/24 01:48	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 01:48	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 01:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	09/29/24 20:56	10/02/24 01:48	1
o-Terphenyl	82		70 - 130	09/29/24 20:56	10/02/24 01:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37		5.0	mg/Kg			10/03/24 02:51	1

Client Sample ID: BH 24 - 40 0'

Lab Sample ID: 890-7172-13

Date Collected: 09/26/24 10:40

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 19:34	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 19:34	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 19:34	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 19:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	10/01/24 10:10	10/01/24 19:34	1
1,4-Difluorobenzene (Surr)	113		70 - 130	10/01/24 10:10	10/01/24 19:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 19:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/02/24 02:05	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 40 0'

Lab Sample ID: 890-7172-13

Date Collected: 09/26/24 10:40

Matrix: Solid

Date Received: 09/27/24 12:52

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	<50		50	mg/Kg		09/29/24 20:56	10/02/24 02:05	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 02:05	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	09/29/24 20:56	10/02/24 02:05	1
o-Terphenyl	77		70 - 130	09/29/24 20:56	10/02/24 02:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46		5.0	mg/Kg			10/03/24 02:56	1

Client Sample ID: BH 24 - 40 2'

Lab Sample ID: 890-7172-14

Date Collected: 09/26/24 10:50

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 19:54	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 19:54	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 19:54	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	10/01/24 10:10	10/01/24 19:54	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/01/24 10:10	10/01/24 19:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 19:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/02/24 02:20	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	<50		50	mg/Kg		09/29/24 20:56	10/02/24 02:20	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 02:20	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 02:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	09/29/24 20:56	10/02/24 02:20	1
o-Terphenyl	81		70 - 130	09/29/24 20:56	10/02/24 02:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.0		5.0	mg/Kg			10/03/24 03:13	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 40 4'

Lab Sample ID: 890-7172-15

Date Collected: 09/26/24 11:00

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 20:15	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 20:15	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 20:15	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 20:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130			10/01/24 10:10	10/01/24 20:15	1
1,4-Difluorobenzene (Surr)	115		70 - 130			10/01/24 10:10	10/01/24 20:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 20:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/02/24 02:37	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	<50		50	mg/Kg		09/29/24 20:56	10/02/24 02:37	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 02:37	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 02:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130			09/29/24 20:56	10/02/24 02:37	1
o-Terphenyl	82		70 - 130			09/29/24 20:56	10/02/24 02:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90		5.0	mg/Kg			10/03/24 03:18	1

Client Sample ID: BH 24 - 41 0'

Lab Sample ID: 890-7172-16

Date Collected: 09/26/24 11:10

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 20:35	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 20:35	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 20:35	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 20:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130			10/01/24 10:10	10/01/24 20:35	1
1,4-Difluorobenzene (Surr)	114		70 - 130			10/01/24 10:10	10/01/24 20:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 20:35	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 41 0'

Lab Sample ID: 890-7172-16

Date Collected: 09/26/24 11:10

Matrix: Solid

Date Received: 09/27/24 12:52

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/02/24 02:52	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	<50		50	mg/Kg		09/29/24 20:56	10/02/24 02:52	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 02:52	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/02/24 02:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130			09/29/24 20:56	10/02/24 02:52	1
o-Terphenyl	76		70 - 130			09/29/24 20:56	10/02/24 02:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	510		5.1	mg/Kg			10/03/24 03:34	1

Client Sample ID: BH 24 - 41 2'

Lab Sample ID: 890-7172-17

Date Collected: 09/26/24 11:20

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 03:12	1
Toluene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 03:12	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 03:12	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		09/30/24 11:16	10/01/24 03:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130			09/30/24 11:16	10/01/24 03:12	1
1,4-Difluorobenzene (Surr)	116		70 - 130			09/30/24 11:16	10/01/24 03:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 03:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/01/24 12:43	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	<50		50	mg/Kg		09/29/24 20:59	10/01/24 12:43	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:59	10/01/24 12:43	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:59	10/01/24 12:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130			09/29/24 20:59	10/01/24 12:43	1
o-Terphenyl	88		70 - 130			09/29/24 20:59	10/01/24 12:43	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 41 2'

Lab Sample ID: 890-7172-17

Date Collected: 09/26/24 11:20

Matrix: Solid

Date Received: 09/27/24 12:52

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	580		5.0	mg/Kg			10/03/24 09:12	1

Client Sample ID: BH 24 - 42 0'

Lab Sample ID: 890-7172-18

Date Collected: 09/26/24 11:30

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 03:32	1
Toluene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 03:32	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 03:32	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		09/30/24 11:16	10/01/24 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	09/30/24 11:16	10/01/24 03:32	1
1,4-Difluorobenzene (Surr)	123		70 - 130	09/30/24 11:16	10/01/24 03:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 03:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/01/24 15:28	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	<50		50	mg/Kg		09/29/24 20:59	10/01/24 15:28	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:59	10/01/24 15:28	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:59	10/01/24 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	09/29/24 20:59	10/01/24 15:28	1
o-Terphenyl	88		70 - 130	09/29/24 20:59	10/01/24 15:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		5.0	mg/Kg			10/03/24 03:41	1

Client Sample ID: BH 24 - 43 0'

Lab Sample ID: 890-7172-19

Date Collected: 09/26/24 11:40

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 05:21	1
Toluene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 05:21	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 05:21	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		09/30/24 11:16	10/01/24 05:21	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 43 0'

Lab Sample ID: 890-7172-19

Date Collected: 09/26/24 11:40

Matrix: Solid

Date Received: 09/27/24 12:52

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	09/30/24 11:16	10/01/24 05:21	1
1,4-Difluorobenzene (Surr)	112		70 - 130	09/30/24 11:16	10/01/24 05:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 05:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/01/24 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	<50		50	mg/Kg		09/29/24 20:59	10/01/24 15:46	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:59	10/01/24 15:46	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:59	10/01/24 15:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	09/29/24 20:59	10/01/24 15:46	1
o-Terphenyl	93		70 - 130	09/29/24 20:59	10/01/24 15:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		5.0	mg/Kg			10/03/24 09:17	1

Client Sample ID: BH 24 - 43 2'

Lab Sample ID: 890-7172-20

Date Collected: 09/26/24 11:50

Matrix: Solid

Date Received: 09/27/24 12:52

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 05:42	1
Toluene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 05:42	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 05:42	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		09/30/24 11:16	10/01/24 05:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	09/30/24 11:16	10/01/24 05:42	1
1,4-Difluorobenzene (Surr)	107		70 - 130	09/30/24 11:16	10/01/24 05:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0040		0.0040	mg/Kg			10/01/24 05:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50		50	mg/Kg			10/01/24 16:22	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 43 2'

Lab Sample ID: 890-7172-20

Date Collected: 09/26/24 11:50

Matrix: Solid

Date Received: 09/27/24 12:52

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	<50		50	mg/Kg		09/29/24 20:59	10/01/24 16:22	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:59	10/01/24 16:22	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:59	10/01/24 16:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130			09/29/24 20:59	10/01/24 16:22	1
o-Terphenyl	93		70 - 130			09/29/24 20:59	10/01/24 16:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37		5.1	mg/Kg			10/03/24 03:47	1

Surrogate Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-7172-1	BH 24 - 35 0'	118	105
890-7172-2	BH 24 - 35 2'	115	105
890-7172-3	BH 24 - 35 4'	123	109
890-7172-4	BH 24 - 36 0'	130	114
890-7172-5	BH 24 - 36 2'	131 S1+	110
890-7172-6	BH 24 - 37 0'	125	105
890-7172-7	BH 24 - 37 2'	103	104
890-7172-8	BH 24 - 38 0'	121	112
890-7172-9	BH 24 - 38 2'	124	117
890-7172-10	BH 24 - 39 0'	128	116
890-7172-11	BH 24 - 39 2'	133 S1+	118
890-7172-12	BH 24 - 39 4'	135 S1+	114
890-7172-13	BH 24 - 40 0'	134 S1+	113
890-7172-14	BH 24 - 40 2'	131 S1+	111
890-7172-15	BH 24 - 40 4'	130	115
890-7172-16	BH 24 - 41 0'	128	114
890-7172-17	BH 24 - 41 2'	147 S1+	116
890-7172-18	BH 24 - 42 0'	141 S1+	123
890-7172-19	BH 24 - 43 0'	111	112
890-7172-20	BH 24 - 43 2'	119	107
LCS 880-92120/1-A	Lab Control Sample	119	98
LCS 880-92237/1-A	Lab Control Sample	114	97
LCSD 880-92120/2-A	Lab Control Sample Dup	116	97
LCSD 880-92237/2-A	Lab Control Sample Dup	114	97
MB 880-91951/5-A	Method Blank	262 S1+	162 S1+
MB 880-92120/5-A	Method Blank	142 S1+	86
MB 880-92237/5-A	Method Blank	138 S1+	89

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-7172-1	BH 24 - 35 0'	97	76
890-7172-2	BH 24 - 35 2'	102	79
890-7172-3	BH 24 - 35 4'	96	75
890-7172-4	BH 24 - 36 0'	110	87
890-7172-5	BH 24 - 36 2'	114	89
890-7172-6	BH 24 - 37 0'	104	80
890-7172-7	BH 24 - 37 2'	106	82
890-7172-8	BH 24 - 38 0'	108	84
890-7172-9	BH 24 - 38 2'	97	74
890-7172-10	BH 24 - 39 0'	110	86
890-7172-11	BH 24 - 39 2'	108	84
890-7172-12	BH 24 - 39 4'	102	82

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Surrogate Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-7172-13	BH 24 - 40 0'	101	77
890-7172-14	BH 24 - 40 2'	106	81
890-7172-15	BH 24 - 40 4'	108	82
890-7172-16	BH 24 - 41 0'	98	76
890-7172-17	BH 24 - 41 2'	110	88
890-7172-17 MS	BH 24 - 41 2'	113	101
890-7172-17 MSD	BH 24 - 41 2'	111	99
890-7172-18	BH 24 - 42 0'	113	88
890-7172-19	BH 24 - 43 0'	121	93
890-7172-20	BH 24 - 43 2'	119	93
LCS 880-92047/2-A	Lab Control Sample	123	110
LCS 880-92048/2-A	Lab Control Sample	146 S1+	133 S1+
LCSD 880-92047/3-A	Lab Control Sample Dup	129	116
LCSD 880-92048/3-A	Lab Control Sample Dup	134 S1+	119
MB 880-92047/1-A	Method Blank	106	135 S1+
MB 880-92048/1-A	Method Blank	133 S1+	212 S1+

Surrogate Legend

1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-91951/5-A
 Matrix: Solid
 Analysis Batch: 92039

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 91951

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.0020		0.0020	mg/Kg		09/27/24 14:56	09/30/24 12:26	1
Toluene	<0.0020		0.0020	mg/Kg		09/27/24 14:56	09/30/24 12:26	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		09/27/24 14:56	09/30/24 12:26	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		09/27/24 14:56	09/30/24 12:26	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	262	S1+	70 - 130	09/27/24 14:56	09/30/24 12:26	1
1,4-Difluorobenzene (Surr)	162	S1+	70 - 130	09/27/24 14:56	09/30/24 12:26	1

Lab Sample ID: MB 880-92120/5-A
 Matrix: Solid
 Analysis Batch: 92039

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92120

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 00:00	1
Toluene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 00:00	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		09/30/24 11:16	10/01/24 00:00	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		09/30/24 11:16	10/01/24 00:00	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	09/30/24 11:16	10/01/24 00:00	1
1,4-Difluorobenzene (Surr)	86		70 - 130	09/30/24 11:16	10/01/24 00:00	1

Lab Sample ID: LCS 880-92120/1-A
 Matrix: Solid
 Analysis Batch: 92039

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 92120

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.100	0.0827		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.106		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.236		mg/Kg		118	70 - 130
o-Xylene	0.100	0.109		mg/Kg		109	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-92120/2-A
 Matrix: Solid
 Analysis Batch: 92039

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 92120

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.100	0.0937		mg/Kg		94	70 - 130	7	35
Toluene	0.100	0.0817		mg/Kg		82	70 - 130	1	35
Ethylbenzene	0.100	0.0893		mg/Kg		89	70 - 130	18	35
m-Xylene & p-Xylene	0.200	0.203		mg/Kg		102	70 - 130	15	35
o-Xylene	0.100	0.104		mg/Kg		104	70 - 130	5	35

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

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

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-92237/5-A
 Matrix: Solid
 Analysis Batch: 92217

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92237

Analyte	MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 12:08	1
Toluene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 12:08	1
Ethylbenzene	<0.0020		0.0020	mg/Kg		10/01/24 10:10	10/01/24 12:08	1
Xylenes, Total	<0.0040		0.0040	mg/Kg		10/01/24 10:10	10/01/24 12:08	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	10/01/24 10:10	10/01/24 12:08	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/01/24 10:10	10/01/24 12:08	1

Lab Sample ID: LCS 880-92237/1-A
 Matrix: Solid
 Analysis Batch: 92217

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 92237

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.0934		mg/Kg		93	70 - 130
Toluene	0.100	0.0849		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.0970		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.192		mg/Kg		96	70 - 130
o-Xylene	0.100	0.0992		mg/Kg		99	70 - 130

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-92237/2-A
 Matrix: Solid
 Analysis Batch: 92217

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 92237

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.0892		mg/Kg		89	70 - 130	5	35
Toluene	0.100	0.0880		mg/Kg		88	70 - 130	4	35
Ethylbenzene	0.100	0.0962		mg/Kg		96	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.186		mg/Kg		93	70 - 130	4	35
o-Xylene	0.100	0.0981		mg/Kg		98	70 - 130	1	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-92047/1-A
 Matrix: Solid
 Analysis Batch: 92175

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92047

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50		50	mg/Kg		09/29/24 20:56	10/01/24 20:10	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 20:10	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:56	10/01/24 20:10	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			09/29/24 20:56	10/01/24 20:10	1
o-Terphenyl	135	S1+	70 - 130			09/29/24 20:56	10/01/24 20:10	1

Lab Sample ID: LCS 880-92047/2-A
 Matrix: Solid
 Analysis Batch: 92175

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 92047

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1090		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	900		mg/Kg		90	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	123		70 - 130				
o-Terphenyl	110		70 - 130				

Lab Sample ID: LCSD 880-92047/3-A
 Matrix: Solid
 Analysis Batch: 92175

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 92047

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1140		mg/Kg		114	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	989		mg/Kg		99	70 - 130	9	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	129		70 - 130						
o-Terphenyl	116		70 - 130						

Lab Sample ID: MB 880-92048/1-A
 Matrix: Solid
 Analysis Batch: 92175

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92048

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50		50	mg/Kg		09/29/24 20:59	10/01/24 10:31	1
Diesel Range Organics (Over C10-C28)	<50		50	mg/Kg		09/29/24 20:59	10/01/24 10:31	1
Oil Range Organics (Over C28-C36)	<50		50	mg/Kg		09/29/24 20:59	10/01/24 10:31	1

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-92048/1-A
Matrix: Solid
Analysis Batch: 92175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92048

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	133	S1+	70 - 130	09/29/24 20:59	10/01/24 10:31	1
o-Terphenyl	212	S1+	70 - 130	09/29/24 20:59	10/01/24 10:31	1

Lab Sample ID: LCS 880-92048/2-A
Matrix: Solid
Analysis Batch: 92175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92048

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1230		mg/Kg		123	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1120		mg/Kg		112	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	146	S1+	70 - 130
o-Terphenyl	133	S1+	70 - 130

Lab Sample ID: LCSD 880-92048/3-A
Matrix: Solid
Analysis Batch: 92175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92048

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1200		mg/Kg		120	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1000		mg/Kg		100	70 - 130	11	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 890-7172-17 MS
Matrix: Solid
Analysis Batch: 92175

Client Sample ID: BH 24 - 41 2'
Prep Type: Total/NA
Prep Batch: 92048

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50		996	1070		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	<50		996	945		mg/Kg		95	70 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	113		70 - 130
o-Terphenyl	101		70 - 130

QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7172-17 MSD
 Matrix: Solid
 Analysis Batch: 92175

Client Sample ID: BH 24 - 41 2'
 Prep Type: Total/NA
 Prep Batch: 92048

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	<50		996	1050		mg/Kg		105	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50		996	930		mg/Kg		93	70 - 130	2	20
Surrogate	%Recovery	MSD Qualifier									Limits
1-Chlorooctane	111										70 - 130
o-Terphenyl	99										70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-92174/1-A
 Matrix: Solid
 Analysis Batch: 92249

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.0		5.0	mg/Kg			10/01/24 23:20	1

Lab Sample ID: LCS 880-92174/2-A
 Matrix: Solid
 Analysis Batch: 92249

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-92174/3-A
 Matrix: Solid
 Analysis Batch: 92249

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	245		mg/Kg		98	90 - 110	0	20

Lab Sample ID: MB 880-92181/1-A
 Matrix: Solid
 Analysis Batch: 92283

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.0		5.0	mg/Kg			10/03/24 01:24	1

Lab Sample ID: LCS 880-92181/2-A
 Matrix: Solid
 Analysis Batch: 92283

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257		mg/Kg		103	90 - 110

QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-92181/3-A
 Matrix: Solid
 Analysis Batch: 92283

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	259		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 890-7172-13 MS
 Matrix: Solid
 Analysis Batch: 92283

Client Sample ID: BH 24 - 40 0'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	46		248	306		mg/Kg		105	90 - 110

Lab Sample ID: 890-7172-13 MSD
 Matrix: Solid
 Analysis Batch: 92283

Client Sample ID: BH 24 - 40 0'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	46		248	307		mg/Kg		105	90 - 110	0	20

QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

GC VOA

Prep Batch: 91951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-91951/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 92039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-17	BH 24 - 41 2'	Total/NA	Solid	8021B	92120
890-7172-18	BH 24 - 42 0'	Total/NA	Solid	8021B	92120
890-7172-19	BH 24 - 43 0'	Total/NA	Solid	8021B	92120
890-7172-20	BH 24 - 43 2'	Total/NA	Solid	8021B	92120
MB 880-91951/5-A	Method Blank	Total/NA	Solid	8021B	91951
MB 880-92120/5-A	Method Blank	Total/NA	Solid	8021B	92120
LCS 880-92120/1-A	Lab Control Sample	Total/NA	Solid	8021B	92120
LCSD 880-92120/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92120

Prep Batch: 92120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-17	BH 24 - 41 2'	Total/NA	Solid	5035	
890-7172-18	BH 24 - 42 0'	Total/NA	Solid	5035	
890-7172-19	BH 24 - 43 0'	Total/NA	Solid	5035	
890-7172-20	BH 24 - 43 2'	Total/NA	Solid	5035	
MB 880-92120/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92120/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92120/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 92217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-1	BH 24 - 35 0'	Total/NA	Solid	8021B	92237
890-7172-2	BH 24 - 35 2'	Total/NA	Solid	8021B	92237
890-7172-3	BH 24 - 35 4'	Total/NA	Solid	8021B	92237
890-7172-4	BH 24 - 36 0'	Total/NA	Solid	8021B	92237
890-7172-5	BH 24 - 36 2'	Total/NA	Solid	8021B	92237
890-7172-6	BH 24 - 37 0'	Total/NA	Solid	8021B	92237
890-7172-7	BH 24 - 37 2'	Total/NA	Solid	8021B	92237
890-7172-8	BH 24 - 38 0'	Total/NA	Solid	8021B	92237
890-7172-9	BH 24 - 38 2'	Total/NA	Solid	8021B	92237
890-7172-10	BH 24 - 39 0'	Total/NA	Solid	8021B	92237
890-7172-11	BH 24 - 39 2'	Total/NA	Solid	8021B	92237
890-7172-12	BH 24 - 39 4'	Total/NA	Solid	8021B	92237
890-7172-13	BH 24 - 40 0'	Total/NA	Solid	8021B	92237
890-7172-14	BH 24 - 40 2'	Total/NA	Solid	8021B	92237
890-7172-15	BH 24 - 40 4'	Total/NA	Solid	8021B	92237
890-7172-16	BH 24 - 41 0'	Total/NA	Solid	8021B	92237
MB 880-92237/5-A	Method Blank	Total/NA	Solid	8021B	92237
LCS 880-92237/1-A	Lab Control Sample	Total/NA	Solid	8021B	92237
LCSD 880-92237/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92237

Prep Batch: 92237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-1	BH 24 - 35 0'	Total/NA	Solid	5035	
890-7172-2	BH 24 - 35 2'	Total/NA	Solid	5035	
890-7172-3	BH 24 - 35 4'	Total/NA	Solid	5035	
890-7172-4	BH 24 - 36 0'	Total/NA	Solid	5035	

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QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

GC VOA (Continued)

Prep Batch: 92237 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-5	BH 24 - 36 2'	Total/NA	Solid	5035	
890-7172-6	BH 24 - 37 0'	Total/NA	Solid	5035	
890-7172-7	BH 24 - 37 2'	Total/NA	Solid	5035	
890-7172-8	BH 24 - 38 0'	Total/NA	Solid	5035	
890-7172-9	BH 24 - 38 2'	Total/NA	Solid	5035	
890-7172-10	BH 24 - 39 0'	Total/NA	Solid	5035	
890-7172-11	BH 24 - 39 2'	Total/NA	Solid	5035	
890-7172-12	BH 24 - 39 4'	Total/NA	Solid	5035	
890-7172-13	BH 24 - 40 0'	Total/NA	Solid	5035	
890-7172-14	BH 24 - 40 2'	Total/NA	Solid	5035	
890-7172-15	BH 24 - 40 4'	Total/NA	Solid	5035	
890-7172-16	BH 24 - 41 0'	Total/NA	Solid	5035	
MB 880-92237/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92237/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 880-92237/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 92808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-1	BH 24 - 35 0'	Total/NA	Solid	Total BTEX	
890-7172-2	BH 24 - 35 2'	Total/NA	Solid	Total BTEX	
890-7172-3	BH 24 - 35 4'	Total/NA	Solid	Total BTEX	
890-7172-4	BH 24 - 36 0'	Total/NA	Solid	Total BTEX	
890-7172-5	BH 24 - 36 2'	Total/NA	Solid	Total BTEX	
890-7172-6	BH 24 - 37 0'	Total/NA	Solid	Total BTEX	
890-7172-7	BH 24 - 37 2'	Total/NA	Solid	Total BTEX	
890-7172-8	BH 24 - 38 0'	Total/NA	Solid	Total BTEX	
890-7172-9	BH 24 - 38 2'	Total/NA	Solid	Total BTEX	
890-7172-10	BH 24 - 39 0'	Total/NA	Solid	Total BTEX	
890-7172-11	BH 24 - 39 2'	Total/NA	Solid	Total BTEX	
890-7172-12	BH 24 - 39 4'	Total/NA	Solid	Total BTEX	
890-7172-13	BH 24 - 40 0'	Total/NA	Solid	Total BTEX	
890-7172-14	BH 24 - 40 2'	Total/NA	Solid	Total BTEX	
890-7172-15	BH 24 - 40 4'	Total/NA	Solid	Total BTEX	
890-7172-16	BH 24 - 41 0'	Total/NA	Solid	Total BTEX	
890-7172-17	BH 24 - 41 2'	Total/NA	Solid	Total BTEX	
890-7172-18	BH 24 - 42 0'	Total/NA	Solid	Total BTEX	
890-7172-19	BH 24 - 43 0'	Total/NA	Solid	Total BTEX	
890-7172-20	BH 24 - 43 2'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 92047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-1	BH 24 - 35 0'	Total/NA	Solid	8015NM Prep	
890-7172-2	BH 24 - 35 2'	Total/NA	Solid	8015NM Prep	
890-7172-3	BH 24 - 35 4'	Total/NA	Solid	8015NM Prep	
890-7172-4	BH 24 - 36 0'	Total/NA	Solid	8015NM Prep	
890-7172-5	BH 24 - 36 2'	Total/NA	Solid	8015NM Prep	
890-7172-6	BH 24 - 37 0'	Total/NA	Solid	8015NM Prep	
890-7172-7	BH 24 - 37 2'	Total/NA	Solid	8015NM Prep	
890-7172-8	BH 24 - 38 0'	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

GC Semi VOA (Continued)

Prep Batch: 92047 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-9	BH 24 - 38 2'	Total/NA	Solid	8015NM Prep	
890-7172-10	BH 24 - 39 0'	Total/NA	Solid	8015NM Prep	
890-7172-11	BH 24 - 39 2'	Total/NA	Solid	8015NM Prep	
890-7172-12	BH 24 - 39 4'	Total/NA	Solid	8015NM Prep	
890-7172-13	BH 24 - 40 0'	Total/NA	Solid	8015NM Prep	
890-7172-14	BH 24 - 40 2'	Total/NA	Solid	8015NM Prep	
890-7172-15	BH 24 - 40 4'	Total/NA	Solid	8015NM Prep	
890-7172-16	BH 24 - 41 0'	Total/NA	Solid	8015NM Prep	
MB 880-92047/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92047/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92047/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 92048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-17	BH 24 - 41 2'	Total/NA	Solid	8015NM Prep	
890-7172-18	BH 24 - 42 0'	Total/NA	Solid	8015NM Prep	
890-7172-19	BH 24 - 43 0'	Total/NA	Solid	8015NM Prep	
890-7172-20	BH 24 - 43 2'	Total/NA	Solid	8015NM Prep	
MB 880-92048/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92048/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92048/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7172-17 MS	BH 24 - 41 2'	Total/NA	Solid	8015NM Prep	
890-7172-17 MSD	BH 24 - 41 2'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 92175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-1	BH 24 - 35 0'	Total/NA	Solid	8015B NM	92047
890-7172-2	BH 24 - 35 2'	Total/NA	Solid	8015B NM	92047
890-7172-3	BH 24 - 35 4'	Total/NA	Solid	8015B NM	92047
890-7172-4	BH 24 - 36 0'	Total/NA	Solid	8015B NM	92047
890-7172-5	BH 24 - 36 2'	Total/NA	Solid	8015B NM	92047
890-7172-6	BH 24 - 37 0'	Total/NA	Solid	8015B NM	92047
890-7172-7	BH 24 - 37 2'	Total/NA	Solid	8015B NM	92047
890-7172-8	BH 24 - 38 0'	Total/NA	Solid	8015B NM	92047
890-7172-9	BH 24 - 38 2'	Total/NA	Solid	8015B NM	92047
890-7172-10	BH 24 - 39 0'	Total/NA	Solid	8015B NM	92047
890-7172-11	BH 24 - 39 2'	Total/NA	Solid	8015B NM	92047
890-7172-12	BH 24 - 39 4'	Total/NA	Solid	8015B NM	92047
890-7172-13	BH 24 - 40 0'	Total/NA	Solid	8015B NM	92047
890-7172-14	BH 24 - 40 2'	Total/NA	Solid	8015B NM	92047
890-7172-15	BH 24 - 40 4'	Total/NA	Solid	8015B NM	92047
890-7172-16	BH 24 - 41 0'	Total/NA	Solid	8015B NM	92047
890-7172-17	BH 24 - 41 2'	Total/NA	Solid	8015B NM	92048
890-7172-18	BH 24 - 42 0'	Total/NA	Solid	8015B NM	92048
890-7172-19	BH 24 - 43 0'	Total/NA	Solid	8015B NM	92048
890-7172-20	BH 24 - 43 2'	Total/NA	Solid	8015B NM	92048
MB 880-92047/1-A	Method Blank	Total/NA	Solid	8015B NM	92047
MB 880-92048/1-A	Method Blank	Total/NA	Solid	8015B NM	92048
LCS 880-92047/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92047
LCS 880-92048/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92048
LCSD 880-92047/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92047

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QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
SDG: 24 E - 04209

GC Semi VOA (Continued)

Analysis Batch: 92175 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-92048/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92048
890-7172-17 MS	BH 24 - 41 2'	Total/NA	Solid	8015B NM	92048
890-7172-17 MSD	BH 24 - 41 2'	Total/NA	Solid	8015B NM	92048

Analysis Batch: 92810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-1	BH 24 - 35 0'	Total/NA	Solid	8015 NM	
890-7172-2	BH 24 - 35 2'	Total/NA	Solid	8015 NM	
890-7172-3	BH 24 - 35 4'	Total/NA	Solid	8015 NM	
890-7172-4	BH 24 - 36 0'	Total/NA	Solid	8015 NM	
890-7172-5	BH 24 - 36 2'	Total/NA	Solid	8015 NM	
890-7172-6	BH 24 - 37 0'	Total/NA	Solid	8015 NM	
890-7172-7	BH 24 - 37 2'	Total/NA	Solid	8015 NM	
890-7172-8	BH 24 - 38 0'	Total/NA	Solid	8015 NM	
890-7172-9	BH 24 - 38 2'	Total/NA	Solid	8015 NM	
890-7172-10	BH 24 - 39 0'	Total/NA	Solid	8015 NM	
890-7172-11	BH 24 - 39 2'	Total/NA	Solid	8015 NM	
890-7172-12	BH 24 - 39 4'	Total/NA	Solid	8015 NM	
890-7172-13	BH 24 - 40 0'	Total/NA	Solid	8015 NM	
890-7172-14	BH 24 - 40 2'	Total/NA	Solid	8015 NM	
890-7172-15	BH 24 - 40 4'	Total/NA	Solid	8015 NM	
890-7172-16	BH 24 - 41 0'	Total/NA	Solid	8015 NM	
890-7172-17	BH 24 - 41 2'	Total/NA	Solid	8015 NM	
890-7172-18	BH 24 - 42 0'	Total/NA	Solid	8015 NM	
890-7172-19	BH 24 - 43 0'	Total/NA	Solid	8015 NM	
890-7172-20	BH 24 - 43 2'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 92174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-1	BH 24 - 35 0'	Soluble	Solid	DI Leach	
890-7172-2	BH 24 - 35 2'	Soluble	Solid	DI Leach	
890-7172-3	BH 24 - 35 4'	Soluble	Solid	DI Leach	
890-7172-4	BH 24 - 36 0'	Soluble	Solid	DI Leach	
MB 880-92174/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92174/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92174/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 92181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-5	BH 24 - 36 2'	Soluble	Solid	DI Leach	
890-7172-6	BH 24 - 37 0'	Soluble	Solid	DI Leach	
890-7172-7	BH 24 - 37 2'	Soluble	Solid	DI Leach	
890-7172-8	BH 24 - 38 0'	Soluble	Solid	DI Leach	
890-7172-9	BH 24 - 38 2'	Soluble	Solid	DI Leach	
890-7172-10	BH 24 - 39 0'	Soluble	Solid	DI Leach	
890-7172-11	BH 24 - 39 2'	Soluble	Solid	DI Leach	
890-7172-12	BH 24 - 39 4'	Soluble	Solid	DI Leach	
890-7172-13	BH 24 - 40 0'	Soluble	Solid	DI Leach	
890-7172-14	BH 24 - 40 2'	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

HPLC/IC (Continued)

Leach Batch: 92181 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-15	BH 24 - 40 4'	Soluble	Solid	DI Leach	
890-7172-16	BH 24 - 41 0'	Soluble	Solid	DI Leach	
890-7172-17	BH 24 - 41 2'	Soluble	Solid	DI Leach	
890-7172-18	BH 24 - 42 0'	Soluble	Solid	DI Leach	
890-7172-19	BH 24 - 43 0'	Soluble	Solid	DI Leach	
890-7172-20	BH 24 - 43 2'	Soluble	Solid	DI Leach	
MB 880-92181/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92181/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92181/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7172-13 MS	BH 24 - 40 0'	Soluble	Solid	DI Leach	
890-7172-13 MSD	BH 24 - 40 0'	Soluble	Solid	DI Leach	

Analysis Batch: 92249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-1	BH 24 - 35 0'	Soluble	Solid	300.0	92174
890-7172-2	BH 24 - 35 2'	Soluble	Solid	300.0	92174
890-7172-3	BH 24 - 35 4'	Soluble	Solid	300.0	92174
890-7172-4	BH 24 - 36 0'	Soluble	Solid	300.0	92174
MB 880-92174/1-A	Method Blank	Soluble	Solid	300.0	92174
LCS 880-92174/2-A	Lab Control Sample	Soluble	Solid	300.0	92174
LCSD 880-92174/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92174

Analysis Batch: 92283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7172-5	BH 24 - 36 2'	Soluble	Solid	300.0	92181
890-7172-6	BH 24 - 37 0'	Soluble	Solid	300.0	92181
890-7172-7	BH 24 - 37 2'	Soluble	Solid	300.0	92181
890-7172-8	BH 24 - 38 0'	Soluble	Solid	300.0	92181
890-7172-9	BH 24 - 38 2'	Soluble	Solid	300.0	92181
890-7172-10	BH 24 - 39 0'	Soluble	Solid	300.0	92181
890-7172-11	BH 24 - 39 2'	Soluble	Solid	300.0	92181
890-7172-12	BH 24 - 39 4'	Soluble	Solid	300.0	92181
890-7172-13	BH 24 - 40 0'	Soluble	Solid	300.0	92181
890-7172-14	BH 24 - 40 2'	Soluble	Solid	300.0	92181
890-7172-15	BH 24 - 40 4'	Soluble	Solid	300.0	92181
890-7172-16	BH 24 - 41 0'	Soluble	Solid	300.0	92181
890-7172-17	BH 24 - 41 2'	Soluble	Solid	300.0	92181
890-7172-18	BH 24 - 42 0'	Soluble	Solid	300.0	92181
890-7172-19	BH 24 - 43 0'	Soluble	Solid	300.0	92181
890-7172-20	BH 24 - 43 2'	Soluble	Solid	300.0	92181
MB 880-92181/1-A	Method Blank	Soluble	Solid	300.0	92181
LCS 880-92181/2-A	Lab Control Sample	Soluble	Solid	300.0	92181
LCSD 880-92181/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92181
890-7172-13 MS	BH 24 - 40 0'	Soluble	Solid	300.0	92181
890-7172-13 MSD	BH 24 - 40 0'	Soluble	Solid	300.0	92181

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 35 0'

Lab Sample ID: 890-7172-1

Date Collected: 09/26/24 08:30

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 13:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 13:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/01/24 22:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/01/24 22:34	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92174	09/30/24 15:58	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	92249	10/02/24 01:46	CH	EET MID

Client Sample ID: BH 24 - 35 2'

Lab Sample ID: 890-7172-2

Date Collected: 09/26/24 08:40

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 14:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/01/24 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/01/24 22:51	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92174	09/30/24 15:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92249	10/02/24 01:52	CH	EET MID

Client Sample ID: BH 24 - 35 4'

Lab Sample ID: 890-7172-3

Date Collected: 09/26/24 08:50

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 14:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 14:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/01/24 23:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/01/24 23:07	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92174	09/30/24 15:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92249	10/02/24 01:57	CH	EET MID

Client Sample ID: BH 24 - 36 0'

Lab Sample ID: 890-7172-4

Date Collected: 09/26/24 09:00

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 15:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 15:00	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 36 0'

Lab Sample ID: 890-7172-4

Date Collected: 09/26/24 09:00

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			92810	10/01/24 23:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/01/24 23:23	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92174	09/30/24 15:58	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	92249	10/02/24 02:02	CH	EET MID

Client Sample ID: BH 24 - 36 2'

Lab Sample ID: 890-7172-5

Date Collected: 09/26/24 09:10

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 15:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 15:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/01/24 23:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/01/24 23:40	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	92283	10/03/24 02:02	CH	EET MID

Client Sample ID: BH 24 - 37 0'

Lab Sample ID: 890-7172-6

Date Collected: 09/26/24 09:20

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 15:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 15:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/01/24 23:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/01/24 23:55	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 02:08	CH	EET MID

Client Sample ID: BH 24 - 37 2'

Lab Sample ID: 890-7172-7

Date Collected: 09/26/24 09:30

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 17:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 17:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/02/24 00:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/02/24 00:27	TKC	EET MID

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 37 2'

Lab Sample ID: 890-7172-7

Date Collected: 09/26/24 09:30

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 02:13	CH	EET MID

Client Sample ID: BH 24 - 38 0'

Lab Sample ID: 890-7172-8

Date Collected: 09/26/24 09:40

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 17:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 17:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/02/24 00:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/02/24 00:43	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 02:29	CH	EET MID

Client Sample ID: BH 24 - 38 2'

Lab Sample ID: 890-7172-9

Date Collected: 09/26/24 09:50

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 18:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 18:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/02/24 01:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/02/24 01:00	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 02:35	CH	EET MID

Client Sample ID: BH 24 - 39 0'

Lab Sample ID: 890-7172-10

Date Collected: 09/26/24 10:00

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 18:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 18:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/02/24 01:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/02/24 01:16	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 02:40	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 39 2'

Lab Sample ID: 890-7172-11

Date Collected: 09/26/24 10:10

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 18:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 18:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/02/24 01:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/02/24 01:32	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 02:46	CH	EET MID

Client Sample ID: BH 24 - 39 4'

Lab Sample ID: 890-7172-12

Date Collected: 09/26/24 10:20

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 19:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 19:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/02/24 01:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/02/24 01:48	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 02:51	CH	EET MID

Client Sample ID: BH 24 - 40 0'

Lab Sample ID: 890-7172-13

Date Collected: 09/26/24 10:40

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 19:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 19:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/02/24 02:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/02/24 02:05	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 02:56	CH	EET MID

Client Sample ID: BH 24 - 40 2'

Lab Sample ID: 890-7172-14

Date Collected: 09/26/24 10:50

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 19:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 19:54	SM	EET MID

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 40 2'

Lab Sample ID: 890-7172-14

Date Collected: 09/26/24 10:50

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			92810	10/02/24 02:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/02/24 02:20	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 03:13	CH	EET MID

Client Sample ID: BH 24 - 40 4'

Lab Sample ID: 890-7172-15

Date Collected: 09/26/24 11:00

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 20:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 20:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/02/24 02:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/02/24 02:37	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 03:18	CH	EET MID

Client Sample ID: BH 24 - 41 0'

Lab Sample ID: 890-7172-16

Date Collected: 09/26/24 11:10

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92237	10/01/24 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92217	10/01/24 20:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 20:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/02/24 02:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92047	09/29/24 20:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/02/24 02:52	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 03:34	CH	EET MID

Client Sample ID: BH 24 - 41 2'

Lab Sample ID: 890-7172-17

Date Collected: 09/26/24 11:20

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	92120	09/30/24 11:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92039	10/01/24 03:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 03:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/01/24 12:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	92048	09/29/24 20:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/01/24 12:43	TKC	EET MID

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Client Sample ID: BH 24 - 41 2'

Lab Sample ID: 890-7172-17

Date Collected: 09/26/24 11:20

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 09:12	CH	EET MID

Client Sample ID: BH 24 - 42 0'

Lab Sample ID: 890-7172-18

Date Collected: 09/26/24 11:30

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92120	09/30/24 11:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92039	10/01/24 03:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 03:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/01/24 15:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92048	09/29/24 20:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/01/24 15:28	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 03:41	CH	EET MID

Client Sample ID: BH 24 - 43 0'

Lab Sample ID: 890-7172-19

Date Collected: 09/26/24 11:40

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	92120	09/30/24 11:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92039	10/01/24 05:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 05:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/01/24 15:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92048	09/29/24 20:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/01/24 15:46	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 09:17	CH	EET MID

Client Sample ID: BH 24 - 43 2'

Lab Sample ID: 890-7172-20

Date Collected: 09/26/24 11:50

Matrix: Solid

Date Received: 09/27/24 12:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	92120	09/30/24 11:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92039	10/01/24 05:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92808	10/01/24 05:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			92810	10/01/24 16:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92048	09/29/24 20:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92175	10/01/24 16:22	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92181	09/30/24 16:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92283	10/03/24 03:47	CH	EET MID

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Lab Chronicle

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
SDG: 24 E - 04209

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
SDG: 24 E - 04209

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	06-30-25

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Method Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
 SDG: 24 E - 04209

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-7172-1
SDG: 24 E - 04209

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7172-1	BH 24 - 35 0'	Solid	09/26/24 08:30	09/27/24 12:52
890-7172-2	BH 24 - 35 2'	Solid	09/26/24 08:40	09/27/24 12:52
890-7172-3	BH 24 - 35 4'	Solid	09/26/24 08:50	09/27/24 12:52
890-7172-4	BH 24 - 36 0'	Solid	09/26/24 09:00	09/27/24 12:52
890-7172-5	BH 24 - 36 2'	Solid	09/26/24 09:10	09/27/24 12:52
890-7172-6	BH 24 - 37 0'	Solid	09/26/24 09:20	09/27/24 12:52
890-7172-7	BH 24 - 37 2'	Solid	09/26/24 09:30	09/27/24 12:52
890-7172-8	BH 24 - 38 0'	Solid	09/26/24 09:40	09/27/24 12:52
890-7172-9	BH 24 - 38 2'	Solid	09/26/24 09:50	09/27/24 12:52
890-7172-10	BH 24 - 39 0'	Solid	09/26/24 10:00	09/27/24 12:52
890-7172-11	BH 24 - 39 2'	Solid	09/26/24 10:10	09/27/24 12:52
890-7172-12	BH 24 - 39 4'	Solid	09/26/24 10:20	09/27/24 12:52
890-7172-13	BH 24 - 40 0'	Solid	09/26/24 10:40	09/27/24 12:52
890-7172-14	BH 24 - 40 2'	Solid	09/26/24 10:50	09/27/24 12:52
890-7172-15	BH 24 - 40 4'	Solid	09/26/24 11:00	09/27/24 12:52
890-7172-16	BH 24 - 41 0'	Solid	09/26/24 11:10	09/27/24 12:52
890-7172-17	BH 24 - 41 2'	Solid	09/26/24 11:20	09/27/24 12:52
890-7172-18	BH 24 - 42 0'	Solid	09/26/24 11:30	09/27/24 12:52
890-7172-19	BH 24 - 43 0'	Solid	09/26/24 11:40	09/27/24 12:52
890-7172-20	BH 24 - 43 2'	Solid	09/26/24 11:50	09/27/24 12:52

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Chain-of-Custody Record

Client: **Vertex**

Turn-Around Time:

Standard Rush

Mailing Address 3101 Boyd Dr, Carlsbad, NM

Project Name:

Sand Point Reclamation Facility

Project #:

24E-04209

Phone #:

email or Fax#:

Project Manager:

Chad Hensley

QA/QC Package:

Standard Level 4 (Full Validation)

Chensley@vertexresource.com

Accreditation: Az Compliance

Sampler: **J. Rewis**

NELAC Other

On Ice: Yes No

EDD (Type)

of Coolers:

Cooler Temp (including CF): 6.0 5.8 -0.0

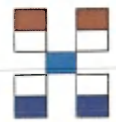
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
9.26.24	8:30	Soil	BH24-35 0'	4oz Jar	ICE		x	x					x			
9.26.24	8:40	Soil	BH24-35 2'	4oz Jar	ICE		x	x					x			
9.26.24	8:50	Soil	BH24-35 4'	4oz Jar	ICE		x	x					x			
9.26.24	9:00	Soil	BH24-36 0'	4oz Jar	ICE		x	x					x			
9.26.24	9:10	Soil	BH24-36 2'	4oz Jar	ICE		x	x					x			
9.26.24	9:20	Soil	BH24-37 0'	4oz Jar	ICE		x	x					x			
9.26.24	9:30	Soil	BH24-37 2'	4oz Jar	ICE		x	x					x			
9.26.24	9:40	Soil	BH24-38 0'	4oz Jar	ICE		x	x					x			
9.26.24	9:50	Soil	BH24-38 2'	4oz Jar	ICE		x	x					x			
9.26.24	10:00	Soil	BH24-39 0'	4oz Jar	ICE		x	x					x			
9.26.24	10:10	Soil	BH24-39 2'	4oz Jar	ICE		x	x					x			
9.26.24	10:20	Soil	BH24-39 4'	4oz Jar	ICE		x	x					x			



890-7172 Chain of Custody

Date: <u>9.27.24</u>	Time: <u>12:52</u>	Relinquished by:	Received by: <u>alchem</u>	Via:	Date: <u>9/27</u>	Time: <u>12:52</u>
Date:	Time:	Relinquished by:	Received by:	Via:	Date:	Time:

Remarks:
 CC: Chad Hensley Chensley@vertexresource.com
 John Rewis jrewis@vertexresource.com for Final Report.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

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.

Chain-of-Custody Record

Client: **Vertex**

Mailing Address: 3101 Boyd Dr, Carlsbad, NM

Phone #:

email or Fax#:

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush

Project Name:
Sand Point Reclamation Facility

Project #:
24E-04209

Project Manager:
Chad Hensley
Chensley@vertexresource.com

Sampler: J. Rewis
On Ice: Yes No

of Coolers:
Cooler Temp (including CF): 6.0 5.8 -0.2



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides(8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
9.26.24	10:40	Soil	BH24-40 0'	4oz Jar	ICE		x	x					x			
9.26.24	10:50	Soil	BH24-40 2'	4oz Jar	ICE		x	x					x			
9.26.24	11:00	Soil	BH24-40 4'	4oz Jar	ICE		x	x					x			
9.26.24	11:10	Soil	BH24-41 0'	4oz Jar	ICE		x	x					x			
9.26.24	11:20	Soil	BH24-41 2'	4oz Jar	ICE		x	x					x			
9.26.24	11:30	Soil	BH24-42 0'	4oz Jar	ICE		x	x					x			
9.26.24	11:40	Soil	BH24-43 0'	4oz Jar	ICE		x	x					x			
9.26.24	11:50	Soil	BH24-43 2'	4oz Jar	ICE		x	x					x			

Date: 9.27.24	Time: 12:52	Relinquished by:	Received by:	Via:	Date: 12:52	Time: 9/27	Remarks: CC: Chad Hensley Chensley@vertexresource.com John Rewis jrewis@vertexresource.com for Final Report.
Date:	Time:	Relinquished by:	Received by:	Via:	Date:	Time:	

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: 890-7172-1

SDG Number: 24 E - 04209

Login Number: 7172

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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.	N/A	Refer to Job Narrative for details.
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	

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- 14

Login Sample Receipt Checklist

Client: Vertex

Job Number: 890-7172-1

SDG Number: 24 E - 04209

Login Number: 7172

List Number: 2

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
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- 10
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- 12
- 13
- 14

Login Sample Receipt Checklist

Client: Vertex

Job Number: 890-7172-1

SDG Number: 24 E - 04209

Login Number: 7172

List Number: 3

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 09/29/24 08:09 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	

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Environment Testing

- 1
- 2
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- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Chad Hensley
Vertex

3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 12/19/2025 12:11:36 PM Revision 1

JOB DESCRIPTION

Sand Point Reclamation Facility
24E-04209

JOB NUMBER

890-9171-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/19/2025 12:11:36 PM
Revision 1

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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- 9
- 10
- 11
- 12
- 13
- 14

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Laboratory Job ID: 890-9171-1
SDG: 24E-04209

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	13
Lab Chronicle	15
Certification Summary	16
Method Summary	17
Sample Summary	18
Chain of Custody	19
Receipt Checklists	21

Definitions/Glossary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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: Sand Point Reclamation Facility

Job ID: 890-9171-1

Job ID: 890-9171-1

Eurofins Carlsbad

Job Narrative 890-9171-1

REVISION

The report being provided is a revision of the original report sent on 12/16/2025. The report (revision 1) is being revised due to Samples switched at labeling, revised report required.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 12/5/2025 12:15 PM. 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 5.8°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-126092 and 880-126107 and analytical batch 880-126152 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH25-36 (890-9171-1) and BH25-36 (890-9171-2). Evidence of matrix interference is present; 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.

Hydrocarbons

Method TX_1005: Surrogate recovery for the following samples were outside control limits: BH25-36 (890-9171-1) and BH25-36 (890-9171-2). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Carlsbad

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

Client Sample ID: BH25-36

Lab Sample ID: 890-9171-1

Date Collected: 12/04/25 14:00

Matrix: Solid

Date Received: 12/05/25 12:15

Sample Depth: 5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/09/25 13:02	12/11/25 07:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/09/25 13:02	12/11/25 07:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/09/25 13:02	12/11/25 07:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/09/25 13:02	12/11/25 07:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/09/25 13:02	12/11/25 07:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/09/25 13:02	12/11/25 07:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/09/25 13:02	12/11/25 07:53	1
1,4-Difluorobenzene (Surr)	119		70 - 130	12/09/25 13:02	12/11/25 07:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/11/25 07:53	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12 Range Hydrocarbons	<49.8	U	49.8		mg/Kg		12/05/25 11:21	12/11/25 22:10	1
>C12-C28 Range Hydrocarbons	<49.8	U	49.8		mg/Kg		12/05/25 11:21	12/11/25 22:10	1
>C28-C35 Range Hydrocarbons	<49.8	U	49.8		mg/Kg		12/05/25 11:21	12/11/25 22:10	1
Total Petroleum Hydrocarbons (C6-C35)	<49.8	U	49.8		mg/Kg			12/11/25 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130	12/05/25 11:21	12/11/25 22:10	1
o-Terphenyl (Surr)	132	S1+	70 - 130	12/05/25 11:21	12/11/25 22:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.3		9.92		mg/Kg			12/10/25 13:32	1

Client Sample ID: BH25-36

Lab Sample ID: 890-9171-2

Date Collected: 12/04/25 13:45

Matrix: Solid

Date Received: 12/05/25 12:15

Sample Depth: 4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/09/25 13:02	12/11/25 08:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/09/25 13:02	12/11/25 08:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/09/25 13:02	12/11/25 08:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/09/25 13:02	12/11/25 08:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/09/25 13:02	12/11/25 08:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/09/25 13:02	12/11/25 08:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	12/09/25 13:02	12/11/25 08:14	1
1,4-Difluorobenzene (Surr)	113		70 - 130	12/09/25 13:02	12/11/25 08:14	1

Eurofins Carlsbad

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

Client Sample ID: BH25-36
Date Collected: 12/04/25 13:45
Date Received: 12/05/25 12:15
Sample Depth: 4

Lab Sample ID: 890-9171-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/11/25 08:14	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12 Range Hydrocarbons	<49.9	U	49.9		mg/Kg		12/05/25 11:21	12/11/25 22:23	1
>C12-C28 Range Hydrocarbons	<49.9	U	49.9		mg/Kg		12/05/25 11:21	12/11/25 22:23	1
>C28-C35 Range Hydrocarbons	<49.9	U	49.9		mg/Kg		12/05/25 11:21	12/11/25 22:23	1
Total Petroleum Hydrocarbons (C6-C35)	<49.9	U	49.9		mg/Kg			12/11/25 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130	12/05/25 11:21	12/11/25 22:23	1
o-Terphenyl (Surr)	132	S1+	70 - 130	12/05/25 11:21	12/11/25 22:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	902		9.98		mg/Kg			12/10/25 13:49	1

Surrogate Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-9167-A-1-D MS	Matrix Spike	103	101
890-9167-A-1-E MSD	Matrix Spike Duplicate	94	94
890-9171-1	BH25-36	139 S1+	119
890-9171-2	BH25-36	138 S1+	113
LCS 880-126107/1-A	Lab Control Sample	101	107
LCSD 880-126107/2-A	Lab Control Sample Dup	97	91
MB 880-126092/5-A	Method Blank	154 S1+	94
MB 880-126107/5-A	Method Blank	194 S1+	111

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
 DFBZ = 1,4-Difluorobenzene (Surr)

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO	OTPH
		(70-130)	(70-130)
880-65763-A-4-B MS	Matrix Spike	129	117
880-65763-A-4-C MSD	Matrix Spike Duplicate	123	116
890-9171-1	BH25-36	120	132 S1+
890-9171-2	BH25-36	120	132 S1+
LCS 880-125742/2-A	Lab Control Sample	126	116
LCSD 880-125742/3-A	Lab Control Sample Dup	122	115
MB 880-125742/1-A	Method Blank	101	110

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
 OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-126092/5-A
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126092

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/25 12:47	12/10/25 12:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/25 12:47	12/10/25 12:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/25 12:47	12/10/25 12:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/09/25 12:47	12/10/25 12:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/25 12:47	12/10/25 12:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/09/25 12:47	12/10/25 12:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	12/09/25 12:47	12/10/25 12:09	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/09/25 12:47	12/10/25 12:09	1

Lab Sample ID: MB 880-126107/5-A
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126107

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/25 13:02	12/10/25 23:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/25 13:02	12/10/25 23:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/25 13:02	12/10/25 23:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/09/25 13:02	12/10/25 23:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/25 13:02	12/10/25 23:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/09/25 13:02	12/10/25 23:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	194	S1+	70 - 130	12/09/25 13:02	12/10/25 23:46	1
1,4-Difluorobenzene (Surr)	111		70 - 130	12/09/25 13:02	12/10/25 23:46	1

Lab Sample ID: LCS 880-126107/1-A
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126107

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1020		mg/Kg		102	70 - 130
Toluene	0.100	0.08877		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.1013		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.1871		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09275		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-126107/2-A
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126107

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08202		mg/Kg		82	70 - 130	22	35

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QC Sample Results

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

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

Lab Sample ID: LCSD 880-126107/2-A
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126107

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.08460		mg/Kg		85	70 - 130	5	35
Ethylbenzene	0.100	0.09189		mg/Kg		92	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1824		mg/Kg		91	70 - 130	3	35
o-Xylene	0.100	0.08695		mg/Kg		87	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 890-9167-A-1-D MS
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 126107

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08299		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.100	0.07678		mg/Kg		77	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08094		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1561		mg/Kg		78	70 - 130
o-Xylene	<0.00200	U	0.100	0.08910		mg/Kg		89	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-9167-A-1-E MSD
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 126107

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09496		mg/Kg		95	70 - 130	13	35
Toluene	<0.00200	U	0.100	0.08806		mg/Kg		88	70 - 130	14	35
Ethylbenzene	<0.00200	U	0.100	0.09602		mg/Kg		96	70 - 130	17	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1821		mg/Kg		91	70 - 130	15	35
o-Xylene	<0.00200	U	0.100	0.09445		mg/Kg		94	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Lab Sample ID: MB 880-125742/1-A
Matrix: Solid
Analysis Batch: 126430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12 Range Hydrocarbons	<50.0	U	50.0		mg/Kg		12/05/25 11:21	12/11/25 16:16	1
>C12-C28 Range Hydrocarbons	<50.0	U	50.0		mg/Kg		12/05/25 11:21	12/11/25 16:16	1

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) (Continued)

Lab Sample ID: MB 880-125742/1-A
Matrix: Solid
Analysis Batch: 126430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C28-C35 Range Hydrocarbons	<50.0	U	50.0		mg/Kg		12/05/25 11:21	12/11/25 16:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	12/05/25 11:21	12/11/25 16:16	1
o-Terphenyl (Surr)	110		70 - 130	12/05/25 11:21	12/11/25 16:16	1

Lab Sample ID: LCS 880-125742/2-A
Matrix: Solid
Analysis Batch: 126430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C6-C12 Range Hydrocarbons	1000	874.6		mg/Kg		87	75 - 125
>C12-C28 Range Hydrocarbons	1000	935.5		mg/Kg		94	75 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	126		70 - 130
o-Terphenyl (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-125742/3-A
Matrix: Solid
Analysis Batch: 126430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125742

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C6-C12 Range Hydrocarbons	1000	858.6		mg/Kg		86	75 - 125	2	25
>C12-C28 Range Hydrocarbons	1000	942.9		mg/Kg		94	75 - 125	1	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	122		70 - 130
o-Terphenyl (Surr)	115		70 - 130

Lab Sample ID: 880-65763-A-4-B MS
Matrix: Solid
Analysis Batch: 126430

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 125742

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C6-C12 Range Hydrocarbons	<50.0	U	997	815.7		mg/Kg		82	75 - 125
>C12-C28 Range Hydrocarbons	<50.0	U	997	987.6		mg/Kg		99	75 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	129		70 - 130
o-Terphenyl (Surr)	117		70 - 130

Lab Sample ID: 880-65763-A-4-C MSD
Matrix: Solid
Analysis Batch: 126430

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 125742

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C6-C12 Range Hydrocarbons	<50.0	U	997	784.7		mg/Kg		79	75 - 125	4	25

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) (Continued)

Lab Sample ID: 880-65763-A-4-C MSD
 Matrix: Solid
 Analysis Batch: 126430

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 125742

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
>C12-C28 Range Hydrocarbons	<50.0	U	997	895.7		mg/Kg		90	75 - 125	10	25
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
1-Chlorooctane (Surr)	123		70 - 130								
o-Terphenyl (Surr)	116		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-125985/1-A
 Matrix: Solid
 Analysis Batch: 126137

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/10/25 11:33	1

Lab Sample ID: LCS 880-125985/2-A
 Matrix: Solid
 Analysis Batch: 126137

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.7		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-125985/3-A
 Matrix: Solid
 Analysis Batch: 126137

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	249.2		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 890-9170-A-15-C MS
 Matrix: Solid
 Analysis Batch: 126137

Client Sample ID: Matrix Spike
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	368		252	605.3		mg/Kg		94	90 - 110

Lab Sample ID: 890-9170-A-15-D MSD
 Matrix: Solid
 Analysis Batch: 126137

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	368		252	609.0		mg/Kg		96	90 - 110	1	20

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QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

GC VOA

Prep Batch: 126092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-126092/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 126107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Total/NA	Solid	5035	
890-9171-2	BH25-36	Total/NA	Solid	5035	
MB 880-126107/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-126107/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-126107/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9167-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-9167-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 126152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Total/NA	Solid	8021B	126107
890-9171-2	BH25-36	Total/NA	Solid	8021B	126107
MB 880-126092/5-A	Method Blank	Total/NA	Solid	8021B	126092
MB 880-126107/5-A	Method Blank	Total/NA	Solid	8021B	126107
LCS 880-126107/1-A	Lab Control Sample	Total/NA	Solid	8021B	126107
LCSD 880-126107/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	126107
890-9167-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	126107
890-9167-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	126107

Analysis Batch: 126818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Total/NA	Solid	Total BTEX	
890-9171-2	BH25-36	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 125742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Total/NA	Solid	TX_1005_S_Pre p	
890-9171-2	BH25-36	Total/NA	Solid	TX_1005_S_Pre p	
MB 880-125742/1-A	Method Blank	Total/NA	Solid	TX_1005_S_Pre p	
LCS 880-125742/2-A	Lab Control Sample	Total/NA	Solid	TX_1005_S_Pre p	
LCSD 880-125742/3-A	Lab Control Sample Dup	Total/NA	Solid	TX_1005_S_Pre p	
880-65763-A-4-B MS	Matrix Spike	Total/NA	Solid	TX_1005_S_Pre p	
880-65763-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	TX_1005_S_Pre p	

Analysis Batch: 126430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Total/NA	Solid	TX 1005	125742
890-9171-2	BH25-36	Total/NA	Solid	TX 1005	125742
MB 880-125742/1-A	Method Blank	Total/NA	Solid	TX 1005	125742
LCS 880-125742/2-A	Lab Control Sample	Total/NA	Solid	TX 1005	125742

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QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

GC Semi VOA (Continued)

Analysis Batch: 126430 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-125742/3-A	Lab Control Sample Dup	Total/NA	Solid	TX 1005	125742
880-65763-A-4-B MS	Matrix Spike	Total/NA	Solid	TX 1005	125742
880-65763-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	TX 1005	125742

Analysis Batch: 126505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Total/NA	Solid	TX 1005	
890-9171-2	BH25-36	Total/NA	Solid	TX 1005	

HPLC/IC

Leach Batch: 125985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Soluble	Solid	DI Leach	
890-9171-2	BH25-36	Soluble	Solid	DI Leach	
MB 880-125985/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-125985/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-125985/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9170-A-15-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9170-A-15-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 126137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Soluble	Solid	300.0	125985
890-9171-2	BH25-36	Soluble	Solid	300.0	125985
MB 880-125985/1-A	Method Blank	Soluble	Solid	300.0	125985
LCS 880-125985/2-A	Lab Control Sample	Soluble	Solid	300.0	125985
LCSD 880-125985/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	125985
890-9170-A-15-C MS	Matrix Spike	Soluble	Solid	300.0	125985
890-9170-A-15-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	125985

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

Client Sample ID: BH25-36

Lab Sample ID: 890-9171-1

Date Collected: 12/04/25 14:00

Matrix: Solid

Date Received: 12/05/25 12:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	126107	12/09/25 13:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126152	12/11/25 07:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126818	12/11/25 07:53	AJ	EET MID
Total/NA	Prep	TX_1005_S_Prep			10.04 g	10 mL	125742	12/05/25 11:21	EL	EET MID
Total/NA	Analysis	TX 1005		1	1 uL	1 uL	126430	12/11/25 22:10	FC	EET MID
Total/NA	Analysis	TX 1005		1			126505	12/11/25 22:10	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	125985	12/08/25 15:17	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126137	12/10/25 13:32	CS	EET MID

Client Sample ID: BH25-36

Lab Sample ID: 890-9171-2

Date Collected: 12/04/25 13:45

Matrix: Solid

Date Received: 12/05/25 12:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	126107	12/09/25 13:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126152	12/11/25 08:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126818	12/11/25 08:14	AJ	EET MID
Total/NA	Prep	TX_1005_S_Prep			10.03 g	10 mL	125742	12/05/25 11:21	EL	EET MID
Total/NA	Analysis	TX 1005		1	1 uL	1 uL	126430	12/11/25 22:23	FC	EET MID
Total/NA	Analysis	TX 1005		1			126505	12/11/25 22:23	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	125985	12/08/25 15:17	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126137	12/10/25 13:49	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

- 1
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Method Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
TX 1005	Texas - Total Petroleum Hydrocarbon (GC)	TCEQ	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID
TX_1005_S_Prep	Extraction - Texas Total petroleum Hyrdocarbons	TCEQ	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure
- TCEQ = Texas Commission of Environmental Quality

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9171-1	BH25-36	Solid	12/04/25 14:00	12/05/25 12:15	5
890-9171-2	BH25-36	Solid	12/04/25 13:45	12/05/25 12:15	4

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Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



Wc 890-9171 Chain of Custody

www.xenco.com Page **01** of **1**

Project Manager:	Chad Hensley	Bill to: (if different)	
Company Name:	Vertex Resource Group	Company Name:	Production Waste Solutions
Address:	3101 Boyd Dr	Address:	P.O. Box 627 1101 SE Mustang Dr
City, State ZIP:	Carlsbad0 NM 88220	City, State ZIP:	Andrew, Texas 79714
Phone: 575-725-5001		Email:	Chensley@vertexresource.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRF <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRF <input type="checkbox"/> Level I <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: _____

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number:	24E-04209	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code													None: NO	DI Water: H ₂ O	
Project Location:		Due Date:	12.12.25	Parameters Chloride BTEX EPA Method 5035A/8021/8260B TPH EPA Method 5035A /TX1005													Cool: Cool	MeOH: Me	
Sampler's Name:	Chad Hensley	TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO ₃ : HN
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												H ₃ PO ₄ : HP	
Samples Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	TMA007														NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.2														Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	6.0														Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:	5.8														NaOH+Ascorbic Acid: SAPC		
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont											Sample Comments		
BH25-36	soil	12-04-25	1345	4 ft	comp	1	X	X	X										
BH25-36	soil	12-04-25	1400	5 ft	comp	1	X	X	X										

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	3.27 12/25			

Revised Date: 03/25/2020 Rev: 2020.2



Eurofins Carlsbad

1089 N Canal St. Carlsbad, NM 88220 Phone: 575-988-3199 Fax: 575-988-3199

Client Information (Sub Contract Lab)

Lab PM: Kramer, Jessica | Client Contact: Shipping/Receiving

Lab PM: Kramer, Jessica | E-Mail: Jessica.Kramer@eurofins.com

Carrier Tracking No(s): N/A | State of Origin: Texas

COC No: 890-6213.1 | Page 1 of 1



Chain of Custody Record

Main form containing client information, lab details, and a large table for sample analysis with columns for sample ID, date, time, and matrix type.

Login Sample Receipt Checklist

Client: Vertex

Job Number: 890-9171-1

SDG Number: 24E-04209

Login Number: 9171

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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.	N/A	Refer to Job Narrative for details.
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	

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Login Sample Receipt Checklist

Client: Vertex

Job Number: 890-9171-1

SDG Number: 24E-04209

Login Number: 9171

List Number: 2

Creator: Dyal, Erica

List Source: Eurofins Midland

List Creation: 12/08/25 12:26 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Chad Hensley
 Vertex
 3101 Boyd Dr
 Carlsbad, New Mexico 88220

Generated 10/3/2024 4:59:45 PM

JOB DESCRIPTION

Sand Point Reclamation Facility

JOB NUMBER

885-12721-1

Eurofins Albuquerque
 4901 Hawkins NE
 Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

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

Authorization



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10/3/2024 4:59:45 PM

Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Laboratory Job ID: 885-12721-1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	8
QC Sample Results	109
QC Association Summary	137
Lab Chronicle	157
Certification Summary	183
Chain of Custody	184
Receipt Checklists	193

Definitions/Glossary

Client: Vertex

Job ID: 885-12721-1

Project/Site: Sand Point Reclamation Facility

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
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.
F2	MS/MSD RPD exceeds control limits

Glossary

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

Eurofins Albuquerque

Case Narrative

Client: Vertex
Project: Sand Point Reclamation Facility

Job ID: 885-12721-1

Job ID: 885-12721-1

Eurofins Albuquerque

Job Narrative 885-12721-1

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

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

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

Receipt

The samples were received on 9/27/2024 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.9°C, 4.2°C and 5.5°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-92237 and 880-92247 and analytical batch 880-92217 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH24-23 0' (885-12721-66), BH24-26 2' (885-12721-76), BH24-27 4' (885-12721-80), BH24-29 4' (885-12721-86), BH24-31 0' (885-12721-90) and BH24-32 2' (885-12721-94). Evidence of matrix interferences is not obvious.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-92216 recovered above the upper control limit for Ethylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-92216/51) and (CCV 880-92216/64).

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-92318 recovered under the lower control limit for Toluene and Ethylbenzene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-92348 and analytical batch 880-92439 was outside the upper control limits.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-92441 and analytical batch 880-92440 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH24-28 4' (885-12721-83), BH24-30 0' (885-12721-87) and BH24-32 4' (885-12721-95). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH24-12 0' (885-12721-34). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-92048 and analytical batch 880-92175 was outside the upper control limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-92048/2-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-92048/3-A). Evidence of matrix interferences is not obvious.

Eurofins Albuquerque

Case Narrative

Client: Vertex
Project: Sand Point Reclamation Facility

Job ID: 885-12721-1

Job ID: 885-12721-1 (Continued)

Eurofins Albuquerque

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-92131/2-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-92131 and analytical batch 880-92279 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: The surrogate recovery for the blank associated with preparation batch 880-92130 and analytical batch 880-92281 was outside the control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-92130 and analytical batch 880-92281 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 control limits: BH24-13 0' (885-12721-37), BH24-19 0' (885-12721-54), BH24-21 4' (885-12721-62), BH24-22 0' (885-12721-63), BH24-22 2' (885-12721-64), BH24-23 2' (885-12721-67), BH24-29 4' (885-12721-86), BH24-31 0' (885-12721-90), BH24-31 4' (885-12721-92) and BH24-32 2' (885-12721-94). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: BH24-20 4' (885-12721-59), BH24-23 0' (885-12721-66) and BH24-33 4' (885-12721-98). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-92139 and analytical batch 880-92333 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-92139/2-A) and (LCSD 880-92139/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-92169 and analytical batch 880-92335 was outside the upper control limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-92169/2-A) and (LCSD 880-92169/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH24-13 4' (885-12721-39), BH24-15 2' (885-12721-43) and BH24-15 4' (885-12721-44). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-92346 and analytical batch 880-92339 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike (MS) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-92346 and analytical batch 880-92339 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH24-29 2' (885-12721-85), BH24-30 4' (885-12721-89), BH24-33 0' (885-12721-96) and BH24-34 4' (885-12721-101). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-92346/2-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-92344 and analytical batch 880-92337 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

Eurofins Albuquerque

Case Narrative

Client: Vertex
Project: Sand Point Reclamation Facility

Job ID: 885-12721-1

Job ID: 885-12721-1 (Continued)

Eurofins Albuquerque

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-92344 and analytical batch 880-92337 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The method blank for preparation batch 880-92344 and analytical batch 880-92337 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples 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 and precision for preparation batch 880-91981 and analytical batch 880-92375 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.

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



Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-01 0'

Lab Sample ID: 885-12721-1

Date Collected: 09/23/24 08:00

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/02/24 23:23	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/02/24 23:23	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/02/24 23:23	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/02/24 23:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130			10/02/24 10:32	10/02/24 23:23	1
1,4-Difluorobenzene (Surr)	95		70 - 130			10/02/24 10:32	10/02/24 23:23	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		09/30/24 12:22	10/02/24 20:35	1
Diesel Range Organics (Over C10-C28)	56		50	mg/Kg		09/30/24 12:22	10/02/24 20:35	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 20:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			09/30/24 12:22	10/02/24 20:35	1
o-Terphenyl	88		70 - 130			09/30/24 12:22	10/02/24 20:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	660		5.0	mg/Kg			10/02/24 19:22	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-01 2'

Lab Sample ID: 885-12721-2

Date Collected: 09/23/24 08:05

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 22:37	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 22:37	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 22:37	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/01/24 22:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130			10/01/24 11:06	10/01/24 22:37	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/01/24 11:06	10/01/24 22:37	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		09/29/24 20:59	10/01/24 16:38	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 16:38	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 16:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130			09/29/24 20:59	10/01/24 16:38	1
o-Terphenyl	72		70 - 130			09/29/24 20:59	10/01/24 16:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14		5.0	mg/Kg			10/01/24 20:27	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-01 4'

Lab Sample ID: 885-12721-3

Date Collected: 09/23/24 08:10

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/02/24 23:43	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/02/24 23:43	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/02/24 23:43	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/02/24 23:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			10/02/24 10:32	10/02/24 23:43	1
1,4-Difluorobenzene (Surr)	87		70 - 130			10/02/24 10:32	10/02/24 23:43	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		09/30/24 12:22	10/02/24 21:24	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 21:24	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 21:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130			09/30/24 12:22	10/02/24 21:24	1
o-Terphenyl	87		70 - 130			09/30/24 12:22	10/02/24 21:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30		5.0	mg/Kg			10/02/24 19:38	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-02 0'

Lab Sample ID: 885-12721-4

Date Collected: 09/23/24 08:15

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 00:04	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 00:04	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 00:04	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 00:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			10/02/24 10:32	10/03/24 00:04	1
1,4-Difluorobenzene (Surr)	73		70 - 130			10/02/24 10:32	10/03/24 00:04	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		09/30/24 12:22	10/02/24 21:40	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 21:40	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 21:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			09/30/24 12:22	10/02/24 21:40	1
o-Terphenyl	84		70 - 130			09/30/24 12:22	10/02/24 21:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		5.1	mg/Kg			10/02/24 19:44	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-02 2'

Lab Sample ID: 885-12721-5

Date Collected: 09/23/24 08:20

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 00:25	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 00:25	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 00:25	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 00:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			10/02/24 10:32	10/03/24 00:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130			10/02/24 10:32	10/03/24 00:25	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		09/30/24 12:22	10/02/24 21:57	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 21:57	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 21:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			09/30/24 12:22	10/02/24 21:57	1
o-Terphenyl	84		70 - 130			09/30/24 12:22	10/02/24 21:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42		5.0	mg/Kg			10/02/24 19:49	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-02 4'

Lab Sample ID: 885-12721-6

Date Collected: 09/23/24 08:25

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 00:45	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 00:45	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 00:45	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 00:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			10/02/24 10:32	10/03/24 00:45	1
1,4-Difluorobenzene (Surr)	95		70 - 130			10/02/24 10:32	10/03/24 00:45	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		09/30/24 12:22	10/02/24 22:13	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 22:13	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 22:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130			09/30/24 12:22	10/02/24 22:13	1
o-Terphenyl	85		70 - 130			09/30/24 12:22	10/02/24 22:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14		5.0	mg/Kg			10/02/24 19:55	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-03 0'

Lab Sample ID: 885-12721-7

Date Collected: 09/23/24 08:30

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 01:06	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 01:06	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 01:06	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 01:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			10/02/24 10:32	10/03/24 01:06	1
1,4-Difluorobenzene (Surr)	93		70 - 130			10/02/24 10:32	10/03/24 01:06	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		09/30/24 12:22	10/02/24 22:30	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 22:30	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 22:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			09/30/24 12:22	10/02/24 22:30	1
o-Terphenyl	83		70 - 130			09/30/24 12:22	10/02/24 22:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		5.0	mg/Kg			10/02/24 20:11	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-03 2'

Lab Sample ID: 885-12721-8

Date Collected: 09/23/24 08:35

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 01:26	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 01:26	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 01:26	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 01:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			10/02/24 10:32	10/03/24 01:26	1
1,4-Difluorobenzene (Surr)	91		70 - 130			10/02/24 10:32	10/03/24 01:26	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		09/30/24 12:22	10/02/24 22:46	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 22:46	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 22:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			09/30/24 12:22	10/02/24 22:46	1
o-Terphenyl	82		70 - 130			09/30/24 12:22	10/02/24 22:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64		5.0	mg/Kg			10/02/24 20:16	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-03 4'

Lab Sample ID: 885-12721-9

Date Collected: 09/23/24 08:40

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 22:57	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 22:57	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 22:57	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/01/24 22:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			10/01/24 11:06	10/01/24 22:57	1
1,4-Difluorobenzene (Surr)	93		70 - 130			10/01/24 11:06	10/01/24 22:57	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		09/29/24 20:59	10/01/24 16:55	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 16:55	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 16:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			09/29/24 20:59	10/01/24 16:55	1
o-Terphenyl	77		70 - 130			09/29/24 20:59	10/01/24 16:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25		5.1	mg/Kg			10/01/24 20:43	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-04 0'

Lab Sample ID: 885-12721-10

Date Collected: 09/23/24 08:45

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 01:47	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 01:47	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 01:47	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 01:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130			10/02/24 10:32	10/03/24 01:47	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/02/24 10:32	10/03/24 01:47	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		09/30/24 12:22	10/02/24 23:01	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 23:01	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 23:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130			09/30/24 12:22	10/02/24 23:01	1
o-Terphenyl	89		70 - 130			09/30/24 12:22	10/02/24 23:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	640		4.8	mg/Kg			10/02/24 20:22	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-04 2'

Lab Sample ID: 885-12721-11

Date Collected: 09/23/24 08:50

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 23:18	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 23:18	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 23:18	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/01/24 23:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130			10/01/24 11:06	10/01/24 23:18	1
1,4-Difluorobenzene (Surr)	95		70 - 130			10/01/24 11:06	10/01/24 23:18	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		09/29/24 20:59	10/01/24 17:11	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 17:11	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 17:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130			09/29/24 20:59	10/01/24 17:11	1
o-Terphenyl	75		70 - 130			09/29/24 20:59	10/01/24 17:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42		5.0	mg/Kg			10/01/24 20:49	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-04 4'

Lab Sample ID: 885-12721-12

Date Collected: 09/23/24 08:55

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 02:07	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 02:07	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 02:07	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 02:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			10/02/24 10:32	10/03/24 02:07	1
1,4-Difluorobenzene (Surr)	91		70 - 130			10/02/24 10:32	10/03/24 02:07	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		09/30/24 12:22	10/02/24 23:18	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 23:18	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 23:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130			09/30/24 12:22	10/02/24 23:18	1
o-Terphenyl	87		70 - 130			09/30/24 12:22	10/02/24 23:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.4		5.0	mg/Kg			10/02/24 20:27	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-05 0'

Lab Sample ID: 885-12721-13

Date Collected: 09/23/24 09:00

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 23:38	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 23:38	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 23:38	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/01/24 23:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130			10/01/24 11:06	10/01/24 23:38	1
1,4-Difluorobenzene (Surr)	93		70 - 130			10/01/24 11:06	10/01/24 23:38	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		09/29/24 20:59	10/01/24 17:28	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 17:28	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 17:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			09/29/24 20:59	10/01/24 17:28	1
o-Terphenyl	78		70 - 130			09/29/24 20:59	10/01/24 17:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	640		5.0	mg/Kg			10/01/24 20:54	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-05 2'

Lab Sample ID: 885-12721-14

Date Collected: 09/23/24 09:05

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 02:28	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 02:28	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 02:28	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 02:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130			10/02/24 10:32	10/03/24 02:28	1
1,4-Difluorobenzene (Surr)	91		70 - 130			10/02/24 10:32	10/03/24 02:28	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		09/30/24 12:22	10/02/24 23:34	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 23:34	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 23:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130			09/30/24 12:22	10/02/24 23:34	1
o-Terphenyl	87		70 - 130			09/30/24 12:22	10/02/24 23:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		5.1	mg/Kg			10/02/24 20:32	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-05 4'

Lab Sample ID: 885-12721-15

Date Collected: 09/23/24 09:10

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 03:53	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 03:53	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 03:53	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 03:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130			10/02/24 10:32	10/03/24 03:53	1
1,4-Difluorobenzene (Surr)	93		70 - 130			10/02/24 10:32	10/03/24 03:53	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		09/30/24 12:22	10/03/24 00:06	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 00:06	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 00:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			09/30/24 12:22	10/03/24 00:06	1
o-Terphenyl	82		70 - 130			09/30/24 12:22	10/03/24 00:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg			10/02/24 20:38	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-06 0'

Lab Sample ID: 885-12721-16

Date Collected: 09/23/24 09:15

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 04:13	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 04:13	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 04:13	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 04:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			10/02/24 10:32	10/03/24 04:13	1
1,4-Difluorobenzene (Surr)	92		70 - 130			10/02/24 10:32	10/03/24 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		09/30/24 12:22	10/03/24 00:23	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 00:23	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 00:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			09/30/24 12:22	10/03/24 00:23	1
o-Terphenyl	84		70 - 130			09/30/24 12:22	10/03/24 00:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		5.0	mg/Kg			10/02/24 20:54	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-06 2'

Lab Sample ID: 885-12721-17

Date Collected: 09/23/24 09:20

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 23:59	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 23:59	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 23:59	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/01/24 23:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			10/01/24 11:06	10/01/24 23:59	1
1,4-Difluorobenzene (Surr)	86		70 - 130			10/01/24 11:06	10/01/24 23:59	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		09/29/24 20:59	10/01/24 17:44	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 17:44	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 17:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130			09/29/24 20:59	10/01/24 17:44	1
o-Terphenyl	75		70 - 130			09/29/24 20:59	10/01/24 17:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14		5.0	mg/Kg			10/01/24 21:00	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-06 4'

Lab Sample ID: 885-12721-18

Date Collected: 09/23/24 09:25

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 00:19	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 00:19	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 00:19	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 00:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			10/01/24 11:06	10/02/24 00:19	1
1,4-Difluorobenzene (Surr)	82		70 - 130			10/01/24 11:06	10/02/24 00:19	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		09/29/24 20:59	10/01/24 18:01	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 18:01	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 18:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			09/29/24 20:59	10/01/24 18:01	1
o-Terphenyl	80		70 - 130			09/29/24 20:59	10/01/24 18:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21		5.0	mg/Kg			10/01/24 21:16	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-07 0'

Lab Sample ID: 885-12721-19

Date Collected: 09/23/24 09:30

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 04:34	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 04:34	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 04:34	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 04:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			10/02/24 10:32	10/03/24 04:34	1
1,4-Difluorobenzene (Surr)	93		70 - 130			10/02/24 10:32	10/03/24 04:34	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		09/30/24 12:22	10/03/24 00:39	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 00:39	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 00:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			09/30/24 12:22	10/03/24 00:39	1
o-Terphenyl	81		70 - 130			09/30/24 12:22	10/03/24 00:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.0	mg/Kg			10/02/24 20:59	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-07 2'

Lab Sample ID: 885-12721-20

Date Collected: 09/23/24 09:35

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 04:54	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 04:54	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 04:54	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 04:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			10/02/24 10:32	10/03/24 04:54	1
1,4-Difluorobenzene (Surr)	93		70 - 130			10/02/24 10:32	10/03/24 04:54	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		09/30/24 12:22	10/03/24 00:55	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 00:55	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 00:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130			09/30/24 12:22	10/03/24 00:55	1
o-Terphenyl	93		70 - 130			09/30/24 12:22	10/03/24 00:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38		5.0	mg/Kg			10/02/24 21:16	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-07 4'

Lab Sample ID: 885-12721-21

Date Collected: 09/23/24 09:40

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 05:15	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 05:15	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 05:15	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 05:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			10/02/24 10:32	10/03/24 05:15	1
1,4-Difluorobenzene (Surr)	94		70 - 130			10/02/24 10:32	10/03/24 05:15	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		09/30/24 12:22	10/03/24 01:13	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 01:13	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 01:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130			09/30/24 12:22	10/03/24 01:13	1
o-Terphenyl	86		70 - 130			09/30/24 12:22	10/03/24 01:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15		5.0	mg/Kg			10/02/24 21:21	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-08 0'

Lab Sample ID: 885-12721-22

Date Collected: 09/23/24 09:40

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 00:40	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 00:40	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 00:40	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 00:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130			10/01/24 11:06	10/02/24 00:40	1
1,4-Difluorobenzene (Surr)	94		70 - 130			10/01/24 11:06	10/02/24 00:40	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		09/29/24 20:59	10/01/24 18:17	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 18:17	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 18:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			09/29/24 20:59	10/01/24 18:17	1
o-Terphenyl	73		70 - 130			09/29/24 20:59	10/01/24 18:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.1		0.050	mg/Kg			10/01/24 21:21	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-08 2'

Lab Sample ID: 885-12721-23

Date Collected: 09/23/24 09:45

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 05:35	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 05:35	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 05:35	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 05:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			10/02/24 10:32	10/03/24 05:35	1
1,4-Difluorobenzene (Surr)	87		70 - 130			10/02/24 10:32	10/03/24 05:35	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		09/30/24 12:22	10/03/24 01:28	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 01:28	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 01:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130			09/30/24 12:22	10/03/24 01:28	1
o-Terphenyl	87		70 - 130			09/30/24 12:22	10/03/24 01:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80		5.0	mg/Kg			10/02/24 21:26	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-08 4'

Lab Sample ID: 885-12721-24

Date Collected: 09/23/24 09:50

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 05:56	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 05:56	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 05:56	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 05:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			10/02/24 10:32	10/03/24 05:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130			10/02/24 10:32	10/03/24 05:56	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		09/30/24 12:22	10/03/24 01:44	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 01:44	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 01:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			09/30/24 12:22	10/03/24 01:44	1
o-Terphenyl	81		70 - 130			09/30/24 12:22	10/03/24 01:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62		5.0	mg/Kg			10/02/24 21:32	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-09 0'

Lab Sample ID: 885-12721-25

Date Collected: 09/24/24 10:25

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 06:17	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 06:17	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 06:17	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 06:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			10/02/24 10:32	10/03/24 06:17	1
1,4-Difluorobenzene (Surr)	84		70 - 130			10/02/24 10:32	10/03/24 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		09/30/24 12:22	10/03/24 02:02	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 02:02	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 02:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			09/30/24 12:22	10/03/24 02:02	1
o-Terphenyl	84		70 - 130			09/30/24 12:22	10/03/24 02:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32		5.0	mg/Kg			10/02/24 21:37	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-09 2'

Lab Sample ID: 885-12721-26

Date Collected: 09/24/24 10:30

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 06:37	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 06:37	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 06:37	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 06:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			10/02/24 10:32	10/03/24 06:37	1
1,4-Difluorobenzene (Surr)	90		70 - 130			10/02/24 10:32	10/03/24 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		09/30/24 12:22	10/03/24 02:18	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 02:18	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 02:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130			09/30/24 12:22	10/03/24 02:18	1
o-Terphenyl	95		70 - 130			09/30/24 12:22	10/03/24 02:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53		5.0	mg/Kg			10/02/24 21:43	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-09 4'

Lab Sample ID: 885-12721-27

Date Collected: 09/24/24 10:35

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 06:58	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 06:58	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/03/24 06:58	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/03/24 06:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			10/02/24 10:32	10/03/24 06:58	1
1,4-Difluorobenzene (Surr)	93		70 - 130			10/02/24 10:32	10/03/24 06:58	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		09/30/24 12:22	10/03/24 02:34	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 02:34	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/03/24 02:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			09/30/24 12:22	10/03/24 02:34	1
o-Terphenyl	81		70 - 130			09/30/24 12:22	10/03/24 02:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34		5.0	mg/Kg			10/02/24 21:48	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-10 0'

Lab Sample ID: 885-12721-28

Date Collected: 09/23/24 10:30

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 12:38	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 12:38	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 12:38	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:40	10/03/24 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	10/02/24 10:40	10/03/24 12:38	1
1,4-Difluorobenzene (Surr)	108		70 - 130	10/02/24 10:40	10/03/24 12:38	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		09/30/24 14:54	10/02/24 20:35	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 20:35	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	09/30/24 14:54	10/02/24 20:35	1
o-Terphenyl	98		70 - 130	09/30/24 14:54	10/02/24 20:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.0	mg/Kg			10/03/24 08:38	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-10 2'

Lab Sample ID: 885-12721-29

Date Collected: 09/23/24 10:35

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 01:00	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 01:00	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 01:00	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 01:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			10/01/24 11:06	10/02/24 01:00	1
1,4-Difluorobenzene (Surr)	98		70 - 130			10/01/24 11:06	10/02/24 01:00	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		09/29/24 20:59	10/01/24 18:34	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 18:34	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 18:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130			09/29/24 20:59	10/01/24 18:34	1
o-Terphenyl	71		70 - 130			09/29/24 20:59	10/01/24 18:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24		5.0	mg/Kg			10/01/24 21:27	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-10 4'

Lab Sample ID: 885-12721-30

Date Collected: 09/24/24 10:40

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 12:59	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 12:59	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 12:59	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:40	10/03/24 12:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			10/02/24 10:40	10/03/24 12:59	1
1,4-Difluorobenzene (Surr)	109		70 - 130			10/02/24 10:40	10/03/24 12:59	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		09/30/24 14:54	10/02/24 21:24	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 21:24	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 21:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130			09/30/24 14:54	10/02/24 21:24	1
o-Terphenyl	104		70 - 130			09/30/24 14:54	10/02/24 21:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50		5.1	mg/Kg			10/03/24 00:23	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-11 0'

Lab Sample ID: 885-12721-31

Date Collected: 09/23/24 10:40

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 13:57	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 13:57	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 13:57	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:40	10/03/24 13:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			10/02/24 10:40	10/03/24 13:57	1
1,4-Difluorobenzene (Surr)	100		70 - 130			10/02/24 10:40	10/03/24 13:57	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		09/30/24 14:54	10/02/24 21:40	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 21:40	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 21:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			09/30/24 14:54	10/02/24 21:40	1
o-Terphenyl	85		70 - 130			09/30/24 14:54	10/02/24 21:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36		5.0	mg/Kg			10/03/24 00:29	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-11 2'

Lab Sample ID: 885-12721-32

Date Collected: 09/23/24 10:45

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 14:18	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 14:18	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 14:18	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:40	10/03/24 14:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130			10/02/24 10:40	10/03/24 14:18	1
1,4-Difluorobenzene (Surr)	108		70 - 130			10/02/24 10:40	10/03/24 14:18	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		09/30/24 14:54	10/02/24 21:57	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 21:57	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 21:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130			09/30/24 14:54	10/02/24 21:57	1
o-Terphenyl	108		70 - 130			09/30/24 14:54	10/02/24 21:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24		5.0	mg/Kg			10/03/24 08:58	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-11 4'

Lab Sample ID: 885-12721-33

Date Collected: 09/24/24 10:45

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 01:21	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 01:21	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 01:21	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 01:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			10/01/24 11:06	10/02/24 01:21	1
1,4-Difluorobenzene (Surr)	91		70 - 130			10/01/24 11:06	10/02/24 01:21	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		09/29/24 20:59	10/01/24 18:50	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 18:50	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 18:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			09/29/24 20:59	10/01/24 18:50	1
o-Terphenyl	75		70 - 130			09/29/24 20:59	10/01/24 18:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21		5.0	mg/Kg			10/01/24 21:32	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-12 0'

Lab Sample ID: 885-12721-34

Date Collected: 09/23/24 10:50

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 14:38	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 14:38	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 14:38	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:40	10/03/24 14:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130			10/02/24 10:40	10/03/24 14:38	1
1,4-Difluorobenzene (Surr)	106		70 - 130			10/02/24 10:40	10/03/24 14:38	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		09/30/24 14:54	10/02/24 22:13	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 22:13	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 22:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130			09/30/24 14:54	10/02/24 22:13	1
o-Terphenyl	84		70 - 130			09/30/24 14:54	10/02/24 22:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23		5.0	mg/Kg			10/03/24 00:38	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-12 2'

Lab Sample ID: 885-12721-35

Date Collected: 09/23/24 10:55

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 14:59	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 14:59	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 14:59	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:40	10/03/24 14:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130			10/02/24 10:40	10/03/24 14:59	1
1,4-Difluorobenzene (Surr)	110		70 - 130			10/02/24 10:40	10/03/24 14:59	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		09/30/24 14:54	10/02/24 22:30	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 22:30	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 22:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130			09/30/24 14:54	10/02/24 22:30	1
o-Terphenyl	104		70 - 130			09/30/24 14:54	10/02/24 22:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53		5.0	mg/Kg			10/03/24 00:57	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-12 4'

Lab Sample ID: 885-12721-36

Date Collected: 09/23/24 11:00

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 01:41	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 01:41	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 01:41	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 01:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			10/01/24 11:06	10/02/24 01:41	1
1,4-Difluorobenzene (Surr)	89		70 - 130			10/01/24 11:06	10/02/24 01:41	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		09/30/24 12:07	10/01/24 14:56	1
Diesel Range Organics (Over C10-C28)	ND	F1	50	mg/Kg		09/30/24 12:07	10/01/24 14:56	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 14:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			09/30/24 12:07	10/01/24 14:56	1
o-Terphenyl	74		70 - 130			09/30/24 12:07	10/01/24 14:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15		5.0	mg/Kg			10/01/24 21:38	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-13 0'

Lab Sample ID: 885-12721-37

Date Collected: 09/24/24 11:05

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 03:05	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 03:05	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 03:05	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 03:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130			10/01/24 11:06	10/02/24 03:05	1
1,4-Difluorobenzene (Surr)	95		70 - 130			10/01/24 11:06	10/02/24 03:05	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		09/30/24 12:07	10/01/24 15:43	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 15:43	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 15:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			09/30/24 12:07	10/01/24 15:43	1
o-Terphenyl	71		70 - 130			09/30/24 12:07	10/01/24 15:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26		5.1	mg/Kg			10/01/24 21:43	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-13 2'

Lab Sample ID: 885-12721-38

Date Collected: 09/24/24 11:15

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 15:20	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 15:20	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 15:20	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:40	10/03/24 15:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130			10/02/24 10:40	10/03/24 15:20	1
1,4-Difluorobenzene (Surr)	113		70 - 130			10/02/24 10:40	10/03/24 15:20	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		09/30/24 14:54	10/02/24 22:46	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 22:46	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 22:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130			09/30/24 14:54	10/02/24 22:46	1
o-Terphenyl	109		70 - 130			09/30/24 14:54	10/02/24 22:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		5.0	mg/Kg			10/03/24 01:03	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-13 4'

Lab Sample ID: 885-12721-39

Date Collected: 09/24/24 11:20

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 15:40	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 15:40	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 15:40	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:40	10/03/24 15:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130			10/02/24 10:40	10/03/24 15:40	1
1,4-Difluorobenzene (Surr)	101		70 - 130			10/02/24 10:40	10/03/24 15:40	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		09/30/24 14:54	10/02/24 23:01	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 23:01	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 23:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130			09/30/24 14:54	10/02/24 23:01	1
o-Terphenyl	122		70 - 130			09/30/24 14:54	10/02/24 23:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.8		5.0	mg/Kg			10/03/24 13:33	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-14 0'

Lab Sample ID: 885-12721-40

Date Collected: 09/23/24 11:25

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 03:26	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 03:26	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 03:26	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 03:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130			10/01/24 11:06	10/02/24 03:26	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/01/24 11:06	10/02/24 03:26	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		09/30/24 12:07	10/01/24 15:58	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 15:58	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 15:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			09/30/24 12:07	10/01/24 15:58	1
o-Terphenyl	75		70 - 130			09/30/24 12:07	10/01/24 15:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15		5.1	mg/Kg			10/01/24 21:59	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-14 2'

Lab Sample ID: 885-12721-41

Date Collected: 09/23/24 11:30

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 11:27	1
Toluene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 11:27	1
Ethylbenzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 11:27	1
Xylenes, Total	ND		0.0040	mg/Kg		10/03/24 08:18	10/03/24 11:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130			10/03/24 08:18	10/03/24 11:27	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/03/24 08:18	10/03/24 11:27	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		09/30/24 14:54	10/02/24 23:18	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 23:18	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 23:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130			09/30/24 14:54	10/02/24 23:18	1
o-Terphenyl	103		70 - 130			09/30/24 14:54	10/02/24 23:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.0		5.1	mg/Kg			10/03/24 13:38	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-15 0'

Lab Sample ID: 885-12721-42

Date Collected: 09/24/24 11:45

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 03:46	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 03:46	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 03:46	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 03:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130			10/01/24 11:06	10/02/24 03:46	1
1,4-Difluorobenzene (Surr)	91		70 - 130			10/01/24 11:06	10/02/24 03:46	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		09/30/24 12:07	10/01/24 16:13	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 16:13	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 16:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			09/30/24 12:07	10/01/24 16:13	1
o-Terphenyl	74		70 - 130			09/30/24 12:07	10/01/24 16:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		5.0	mg/Kg			10/01/24 22:05	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-15 2'

Lab Sample ID: 885-12721-43

Date Collected: 09/23/24 11:50

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 11:48	1
Toluene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 11:48	1
Ethylbenzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 11:48	1
Xylenes, Total	ND		0.0040	mg/Kg		10/03/24 08:18	10/03/24 11:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130			10/03/24 08:18	10/03/24 11:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130			10/03/24 08:18	10/03/24 11:48	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		09/30/24 14:54	10/02/24 23:34	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 23:34	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 23:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130			09/30/24 14:54	10/02/24 23:34	1
o-Terphenyl	126		70 - 130			09/30/24 14:54	10/02/24 23:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	470	F1 F2	5.0	mg/Kg			10/03/24 14:30	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-15 4'

Lab Sample ID: 885-12721-44

Date Collected: 09/23/24 11:55

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 12:08	1
Toluene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 12:08	1
Ethylbenzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 12:08	1
Xylenes, Total	ND		0.0040	mg/Kg		10/03/24 08:18	10/03/24 12:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	10/03/24 08:18	10/03/24 12:08	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/03/24 08:18	10/03/24 12:08	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		09/30/24 14:54	10/03/24 00:06	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 00:06	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 00:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130	09/30/24 14:54	10/03/24 00:06	1
o-Terphenyl	124		70 - 130	09/30/24 14:54	10/03/24 00:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		5.0	mg/Kg			10/03/24 14:43	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-16 0'

Lab Sample ID: 885-12721-45

Date Collected: 09/24/24 12:00

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 12:29	1
Toluene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 12:29	1
Ethylbenzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 12:29	1
Xylenes, Total	ND		0.0040	mg/Kg		10/03/24 08:18	10/03/24 12:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			10/03/24 08:18	10/03/24 12:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130			10/03/24 08:18	10/03/24 12:29	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		09/30/24 14:54	10/03/24 00:23	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 00:23	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 00:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130			09/30/24 14:54	10/03/24 00:23	1
o-Terphenyl	108		70 - 130			09/30/24 14:54	10/03/24 00:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17		5.0	mg/Kg			10/03/24 14:49	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-16 2'

Lab Sample ID: 885-12721-46

Date Collected: 09/23/24 12:05

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 12:49	1
Toluene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 12:49	1
Ethylbenzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 12:49	1
Xylenes, Total	ND		0.0040	mg/Kg		10/03/24 08:18	10/03/24 12:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130			10/03/24 08:18	10/03/24 12:49	1
1,4-Difluorobenzene (Surr)	97		70 - 130			10/03/24 08:18	10/03/24 12:49	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		09/30/24 14:54	10/03/24 00:39	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 00:39	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 00:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130			09/30/24 14:54	10/03/24 00:39	1
o-Terphenyl	120		70 - 130			09/30/24 14:54	10/03/24 00:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14		5.0	mg/Kg			10/03/24 07:02	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-16 4'

Lab Sample ID: 885-12721-47

Date Collected: 09/23/24 12:10

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 13:10	1
Toluene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 13:10	1
Ethylbenzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 13:10	1
Xylenes, Total	ND		0.0040	mg/Kg		10/03/24 08:18	10/03/24 13:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			10/03/24 08:18	10/03/24 13:10	1
1,4-Difluorobenzene (Surr)	94		70 - 130			10/03/24 08:18	10/03/24 13:10	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		09/30/24 14:54	10/03/24 00:55	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 00:55	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 00:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130			09/30/24 14:54	10/03/24 00:55	1
o-Terphenyl	113		70 - 130			09/30/24 14:54	10/03/24 00:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27		5.0	mg/Kg			10/03/24 07:09	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-17 0'

Lab Sample ID: 885-12721-48

Date Collected: 09/24/24 08:00

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 13:31	1
Toluene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 13:31	1
Ethylbenzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 13:31	1
Xylenes, Total	ND		0.0040	mg/Kg		10/03/24 08:18	10/03/24 13:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			10/03/24 08:18	10/03/24 13:31	1
1,4-Difluorobenzene (Surr)	95		70 - 130			10/03/24 08:18	10/03/24 13:31	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		09/30/24 14:54	10/03/24 01:13	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 01:13	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 01:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130			09/30/24 14:54	10/03/24 01:13	1
o-Terphenyl	117		70 - 130			09/30/24 14:54	10/03/24 01:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.0	mg/Kg			10/03/24 07:28	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-17 2'

Lab Sample ID: 885-12721-49

Date Collected: 09/24/24 08:05

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 13:51	1
Toluene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 13:51	1
Ethylbenzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 13:51	1
Xylenes, Total	ND		0.0040	mg/Kg		10/03/24 08:18	10/03/24 13:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			10/03/24 08:18	10/03/24 13:51	1
1,4-Difluorobenzene (Surr)	91		70 - 130			10/03/24 08:18	10/03/24 13:51	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		09/30/24 14:54	10/03/24 01:28	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 01:28	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 01:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130			09/30/24 14:54	10/03/24 01:28	1
o-Terphenyl	113		70 - 130			09/30/24 14:54	10/03/24 01:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21		5.0	mg/Kg			10/03/24 07:34	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-17 4'

Lab Sample ID: 885-12721-50

Date Collected: 09/24/24 08:10

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 14:12	1
Toluene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 14:12	1
Ethylbenzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 14:12	1
Xylenes, Total	ND		0.0040	mg/Kg		10/03/24 08:18	10/03/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130			10/03/24 08:18	10/03/24 14:12	1
1,4-Difluorobenzene (Surr)	98		70 - 130			10/03/24 08:18	10/03/24 14:12	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		09/30/24 14:54	10/03/24 01:44	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 01:44	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 01:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130			09/30/24 14:54	10/03/24 01:44	1
o-Terphenyl	110		70 - 130			09/30/24 14:54	10/03/24 01:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.4		5.0	mg/Kg			10/03/24 07:41	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-18 0'

Lab Sample ID: 885-12721-51

Date Collected: 09/24/24 08:15

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 14:32	1
Toluene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 14:32	1
Ethylbenzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 14:32	1
Xylenes, Total	ND		0.0040	mg/Kg		10/03/24 08:18	10/03/24 14:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			10/03/24 08:18	10/03/24 14:32	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/03/24 08:18	10/03/24 14:32	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		09/30/24 14:54	10/03/24 02:02	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 02:02	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 02:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130			09/30/24 14:54	10/03/24 02:02	1
o-Terphenyl	117		70 - 130			09/30/24 14:54	10/03/24 02:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23		5.0	mg/Kg			10/03/24 07:47	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-18 2'

Lab Sample ID: 885-12721-52

Date Collected: 09/24/24 08:20

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 22:18	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 22:18	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 22:18	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/02/24 22:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			10/02/24 10:55	10/02/24 22:18	1
1,4-Difluorobenzene (Surr)	104		70 - 130			10/02/24 10:55	10/02/24 22:18	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		09/30/24 14:54	10/03/24 02:18	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 02:18	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 02:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130			09/30/24 14:54	10/03/24 02:18	1
o-Terphenyl	117		70 - 130			09/30/24 14:54	10/03/24 02:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg			10/03/24 07:54	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-18 4'

Lab Sample ID: 885-12721-53

Date Collected: 09/24/24 08:25

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 22:38	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 22:38	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 22:38	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/02/24 22:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			10/02/24 10:55	10/02/24 22:38	1
1,4-Difluorobenzene (Surr)	103		70 - 130			10/02/24 10:55	10/02/24 22:38	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		09/30/24 14:54	10/03/24 02:34	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 02:34	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/03/24 02:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			09/30/24 14:54	10/03/24 02:34	1
o-Terphenyl	94		70 - 130			09/30/24 14:54	10/03/24 02:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg			10/03/24 01:09	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-19 0'

Lab Sample ID: 885-12721-54

Date Collected: 09/24/24 08:30

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 04:07	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 04:07	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 04:07	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 04:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			10/01/24 11:06	10/02/24 04:07	1
1,4-Difluorobenzene (Surr)	81		70 - 130			10/01/24 11:06	10/02/24 04:07	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		09/30/24 12:07	10/01/24 16:28	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 16:28	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 16:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			09/30/24 12:07	10/01/24 16:28	1
o-Terphenyl	70		70 - 130			09/30/24 12:07	10/01/24 16:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17		5.0	mg/Kg			10/01/24 22:21	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-19 2'

Lab Sample ID: 885-12721-55

Date Collected: 09/24/24 08:35

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 04:28	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 04:28	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 04:28	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 04:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130			10/01/24 11:06	10/02/24 04:28	1
1,4-Difluorobenzene (Surr)	95		70 - 130			10/01/24 11:06	10/02/24 04:28	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		09/30/24 12:07	10/01/24 16:44	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 16:44	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 16:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			09/30/24 12:07	10/01/24 16:44	1
o-Terphenyl	74		70 - 130			09/30/24 12:07	10/01/24 16:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22		5.0	mg/Kg			10/01/24 22:26	1

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-19 4'

Lab Sample ID: 885-12721-56

Date Collected: 09/24/24 08:40

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 04:48	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 04:48	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 04:48	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 04:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130			10/01/24 11:06	10/02/24 04:48	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/01/24 11:06	10/02/24 04:48	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		09/30/24 12:07	10/01/24 16:59	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 16:59	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 16:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130			09/30/24 12:07	10/01/24 16:59	1
o-Terphenyl	74		70 - 130			09/30/24 12:07	10/01/24 16:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20		5.0	mg/Kg			10/01/24 22:32	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-20 0'

Lab Sample ID: 885-12721-57

Date Collected: 09/24/24 08:45

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 22:59	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 22:59	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 22:59	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/02/24 22:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			10/02/24 10:55	10/02/24 22:59	1
1,4-Difluorobenzene (Surr)	102		70 - 130			10/02/24 10:55	10/02/24 22:59	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	*- *1	50	mg/Kg		10/02/24 10:33	10/02/24 20:34	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/02/24 20:34	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 20:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130			10/02/24 10:33	10/02/24 20:34	1
o-Terphenyl	89		70 - 130			10/02/24 10:33	10/02/24 20:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.1	mg/Kg			10/03/24 11:51	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-20 2'

Lab Sample ID: 885-12721-58

Date Collected: 09/24/24 08:50

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 23:19	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 23:19	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 23:19	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/02/24 23:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			10/02/24 10:55	10/02/24 23:19	1
1,4-Difluorobenzene (Surr)	103		70 - 130			10/02/24 10:55	10/02/24 23:19	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	*- *1	50	mg/Kg		10/02/24 10:33	10/02/24 21:18	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/02/24 21:18	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 21:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			10/02/24 10:33	10/02/24 21:18	1
o-Terphenyl	92		70 - 130			10/02/24 10:33	10/02/24 21:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16		5.0	mg/Kg			10/03/24 01:18	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-20 4'

Lab Sample ID: 885-12721-59

Date Collected: 09/24/24 09:00

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 05:09	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 05:09	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 05:09	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 05:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130			10/01/24 11:06	10/02/24 05:09	1
1,4-Difluorobenzene (Surr)	92		70 - 130			10/01/24 11:06	10/02/24 05:09	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		09/30/24 12:07	10/01/24 17:15	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 17:15	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 17:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130			09/30/24 12:07	10/01/24 17:15	1
o-Terphenyl	68	S1-	70 - 130			09/30/24 12:07	10/01/24 17:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.0		5.0	mg/Kg			10/01/24 22:37	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-21 0'

Lab Sample ID: 885-12721-60

Date Collected: 09/24/24 09:30

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 23:40	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 23:40	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 23:40	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/02/24 23:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			10/02/24 10:55	10/02/24 23:40	1
1,4-Difluorobenzene (Surr)	102		70 - 130			10/02/24 10:55	10/02/24 23:40	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	*- *1	50	mg/Kg		10/02/24 10:33	10/02/24 21:33	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/02/24 21:33	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 21:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			10/02/24 10:33	10/02/24 21:33	1
o-Terphenyl	89		70 - 130			10/02/24 10:33	10/02/24 21:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48		5.0	mg/Kg			10/03/24 01:24	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-21 2'

Lab Sample ID: 885-12721-61

Date Collected: 09/24/24 09:35

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 00:00	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 00:00	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 00:00	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 00:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			10/02/24 10:55	10/03/24 00:00	1
1,4-Difluorobenzene (Surr)	101		70 - 130			10/02/24 10:55	10/03/24 00:00	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	*- *1	50	mg/Kg		10/02/24 10:33	10/02/24 21:48	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/02/24 21:48	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 21:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			10/02/24 10:33	10/02/24 21:48	1
o-Terphenyl	98		70 - 130			10/02/24 10:33	10/02/24 21:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.7	F1	5.0	mg/Kg			10/03/24 08:00	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-21 4'

Lab Sample ID: 885-12721-62

Date Collected: 09/24/24 09:40

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 05:29	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 05:29	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 05:29	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 05:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			10/01/24 11:06	10/02/24 05:29	1
1,4-Difluorobenzene (Surr)	93		70 - 130			10/01/24 11:06	10/02/24 05:29	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		09/30/24 12:07	10/01/24 17:30	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 17:30	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 17:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			09/30/24 12:07	10/01/24 17:30	1
o-Terphenyl	71		70 - 130			09/30/24 12:07	10/01/24 17:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.7		5.1	mg/Kg			10/01/24 22:42	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-22 0'

Lab Sample ID: 885-12721-63

Date Collected: 09/24/24 09:45

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 05:50	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 05:50	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 05:50	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 05:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130			10/01/24 11:06	10/02/24 05:50	1
1,4-Difluorobenzene (Surr)	95		70 - 130			10/01/24 11:06	10/02/24 05:50	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		09/30/24 12:07	10/01/24 17:45	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 17:45	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 17:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130			09/30/24 12:07	10/01/24 17:45	1
o-Terphenyl	72		70 - 130			09/30/24 12:07	10/01/24 17:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		5.0	mg/Kg			10/01/24 22:48	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-22 2'

Lab Sample ID: 885-12721-64

Date Collected: 09/24/24 09:50

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 06:10	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 06:10	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/02/24 06:10	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/02/24 06:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130			10/01/24 11:06	10/02/24 06:10	1
1,4-Difluorobenzene (Surr)	92		70 - 130			10/01/24 11:06	10/02/24 06:10	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		09/30/24 12:07	10/01/24 18:16	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 18:16	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 18:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130			09/30/24 12:07	10/01/24 18:16	1
o-Terphenyl	71		70 - 130			09/30/24 12:07	10/01/24 18:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.8		5.0	mg/Kg			10/01/24 22:53	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-22 4'

Lab Sample ID: 885-12721-65

Date Collected: 09/24/24 09:55

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 00:20	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 00:20	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 00:20	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 00:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			10/02/24 10:55	10/03/24 00:20	1
1,4-Difluorobenzene (Surr)	104		70 - 130			10/02/24 10:55	10/03/24 00:20	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	*- *1	50	mg/Kg		10/02/24 10:33	10/02/24 22:03	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/02/24 22:03	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 22:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			10/02/24 10:33	10/02/24 22:03	1
o-Terphenyl	91		70 - 130			10/02/24 10:33	10/02/24 22:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24		5.0	mg/Kg			10/03/24 13:07	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-23 0'

Lab Sample ID: 885-12721-66

Date Collected: 09/24/24 10:00

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 00:54	1
Toluene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 00:54	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 00:54	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 12:08	10/02/24 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	10/01/24 12:08	10/02/24 00:54	1
1,4-Difluorobenzene (Surr)	113		70 - 130	10/01/24 12:08	10/02/24 00:54	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		09/30/24 12:07	10/01/24 18:30	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 18:30	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130	09/30/24 12:07	10/01/24 18:30	1
o-Terphenyl	67	S1-	70 - 130	09/30/24 12:07	10/01/24 18:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.5		5.0	mg/Kg			10/02/24 01:26	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-23 2'

Lab Sample ID: 885-12721-67

Date Collected: 09/24/24 10:05

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 01:15	1
Toluene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 01:15	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 01:15	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 12:08	10/02/24 01:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130			10/01/24 12:08	10/02/24 01:15	1
1,4-Difluorobenzene (Surr)	111		70 - 130			10/01/24 12:08	10/02/24 01:15	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		09/30/24 12:07	10/01/24 18:45	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 18:45	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 18:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			09/30/24 12:07	10/01/24 18:45	1
o-Terphenyl	71		70 - 130			09/30/24 12:07	10/01/24 18:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.2		5.0	mg/Kg			10/02/24 01:45	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-23 4'

Lab Sample ID: 885-12721-68

Date Collected: 09/24/24 10:10

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 00:41	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 00:41	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 00:41	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 00:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			10/02/24 10:55	10/03/24 00:41	1
1,4-Difluorobenzene (Surr)	101		70 - 130			10/02/24 10:55	10/03/24 00:41	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	*- *1	50	mg/Kg		10/02/24 10:33	10/02/24 22:18	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/02/24 22:18	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 22:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130			10/02/24 10:33	10/02/24 22:18	1
o-Terphenyl	92		70 - 130			10/02/24 10:33	10/02/24 22:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.0		5.0	mg/Kg			10/03/24 13:13	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-24 0'

Lab Sample ID: 885-12721-69

Date Collected: 09/25/24 08:00

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 01:01	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 01:01	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 01:01	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/02/24 10:55	10/03/24 01:01	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/02/24 10:55	10/03/24 01:01	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	*- *1	50	mg/Kg		10/02/24 10:33	10/02/24 22:32	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/02/24 22:32	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	10/02/24 10:33	10/02/24 22:32	1
o-Terphenyl	91		70 - 130	10/02/24 10:33	10/02/24 22:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	550		5.0	mg/Kg			10/03/24 13:32	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-24 2'

Lab Sample ID: 885-12721-70

Date Collected: 09/25/24 08:10

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 01:22	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 01:22	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 01:22	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 01:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			10/02/24 10:55	10/03/24 01:22	1
1,4-Difluorobenzene (Surr)	104		70 - 130			10/02/24 10:55	10/03/24 01:22	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	*- *1	50	mg/Kg		10/02/24 10:33	10/02/24 22:47	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/02/24 22:47	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 22:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			10/02/24 10:33	10/02/24 22:47	1
o-Terphenyl	96		70 - 130			10/02/24 10:33	10/02/24 22:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44		5.0	mg/Kg			10/03/24 13:39	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-24 4'

Lab Sample ID: 885-12721-71

Date Collected: 09/25/24 08:20

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 02:44	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 02:44	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 02:44	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 02:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			10/02/24 10:55	10/03/24 02:44	1
1,4-Difluorobenzene (Surr)	101		70 - 130			10/02/24 10:55	10/03/24 02:44	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	*- *1	50	mg/Kg		10/02/24 10:33	10/02/24 23:02	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/02/24 23:02	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 23:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			10/02/24 10:33	10/02/24 23:02	1
o-Terphenyl	100		70 - 130			10/02/24 10:33	10/02/24 23:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17		5.1	mg/Kg			10/03/24 13:45	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-25 0'

Lab Sample ID: 885-12721-72

Date Collected: 09/25/24 08:25

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 03:05	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 03:05	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 03:05	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 03:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			10/02/24 10:55	10/03/24 03:05	1
1,4-Difluorobenzene (Surr)	104		70 - 130			10/02/24 10:55	10/03/24 03:05	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	*- *1	50	mg/Kg		10/02/24 10:33	10/02/24 23:17	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/02/24 23:17	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 23:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			10/02/24 10:33	10/02/24 23:17	1
o-Terphenyl	99		70 - 130			10/02/24 10:33	10/02/24 23:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		5.0	mg/Kg			10/03/24 13:51	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-25 2'

Lab Sample ID: 885-12721-73

Date Collected: 09/25/24 08:30

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 03:25	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 03:25	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 03:25	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 03:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			10/02/24 10:55	10/03/24 03:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130			10/02/24 10:55	10/03/24 03:25	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	*- *1	50	mg/Kg		10/02/24 10:33	10/02/24 23:47	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/02/24 23:47	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 23:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			10/02/24 10:33	10/02/24 23:47	1
o-Terphenyl	93		70 - 130			10/02/24 10:33	10/02/24 23:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41		5.0	mg/Kg			10/03/24 13:58	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-25 4'

Lab Sample ID: 885-12721-74

Date Collected: 09/25/24 08:35

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 03:46	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 03:46	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 03:46	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 03:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			10/02/24 10:55	10/03/24 03:46	1
1,4-Difluorobenzene (Surr)	103		70 - 130			10/02/24 10:55	10/03/24 03:46	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	*- *1	50	mg/Kg		10/02/24 10:33	10/03/24 00:02	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/03/24 00:02	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/03/24 00:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			10/02/24 10:33	10/03/24 00:02	1
o-Terphenyl	90		70 - 130			10/02/24 10:33	10/03/24 00:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50		5.0	mg/Kg			10/03/24 14:04	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-26 0'

Lab Sample ID: 885-12721-75

Date Collected: 09/25/24 08:40

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 04:06	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 04:06	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 04:06	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 04:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130			10/02/24 10:55	10/03/24 04:06	1
1,4-Difluorobenzene (Surr)	102		70 - 130			10/02/24 10:55	10/03/24 04:06	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	*- *1	50	mg/Kg		10/02/24 10:33	10/03/24 00:19	1
Diesel Range Organics (Over C10-C28)	64	*1	50	mg/Kg		10/02/24 10:33	10/03/24 00:19	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/03/24 00:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130			10/02/24 10:33	10/03/24 00:19	1
o-Terphenyl	97		70 - 130			10/02/24 10:33	10/03/24 00:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79		5.0	mg/Kg			10/03/24 14:11	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-26 2'

Lab Sample ID: 885-12721-76

Date Collected: 09/25/24 08:45

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 01:35	1
Toluene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 01:35	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 01:35	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 12:08	10/02/24 01:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130			10/01/24 12:08	10/02/24 01:35	1
1,4-Difluorobenzene (Surr)	115		70 - 130			10/01/24 12:08	10/02/24 01:35	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		09/30/24 12:07	10/01/24 19:00	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 19:00	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 19:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130			09/30/24 12:07	10/01/24 19:00	1
o-Terphenyl	78		70 - 130			09/30/24 12:07	10/01/24 19:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42		5.0	mg/Kg			10/02/24 01:51	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-26 4'

Lab Sample ID: 885-12721-77

Date Collected: 09/25/24 08:50

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 04:27	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 04:27	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 04:27	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 04:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			10/02/24 10:55	10/03/24 04:27	1
1,4-Difluorobenzene (Surr)	102		70 - 130			10/02/24 10:55	10/03/24 04:27	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	*- *1	50	mg/Kg		10/02/24 10:33	10/03/24 00:34	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/03/24 00:34	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/03/24 00:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			10/02/24 10:33	10/03/24 00:34	1
o-Terphenyl	89		70 - 130			10/02/24 10:33	10/03/24 00:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22		5.0	mg/Kg			10/03/24 09:55	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-27 0'

Lab Sample ID: 885-12721-78

Date Collected: 09/25/24 08:55

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 04:47	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 04:47	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 04:47	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 04:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			10/02/24 10:55	10/03/24 04:47	1
1,4-Difluorobenzene (Surr)	103		70 - 130			10/02/24 10:55	10/03/24 04:47	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	*- *1	50	mg/Kg		10/02/24 10:33	10/03/24 00:48	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/03/24 00:48	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/03/24 00:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			10/02/24 10:33	10/03/24 00:48	1
o-Terphenyl	102		70 - 130			10/02/24 10:33	10/03/24 00:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59		5.0	mg/Kg			10/03/24 10:15	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-27 2'

Lab Sample ID: 885-12721-79

Date Collected: 09/25/24 09:00

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 05:07	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 05:07	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 05:07	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 05:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			10/02/24 10:55	10/03/24 05:07	1
1,4-Difluorobenzene (Surr)	103		70 - 130			10/02/24 10:55	10/03/24 05:07	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	*- *1	50	mg/Kg		10/02/24 10:33	10/03/24 01:03	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/03/24 01:03	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/03/24 01:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130			10/02/24 10:33	10/03/24 01:03	1
o-Terphenyl	116		70 - 130			10/02/24 10:33	10/03/24 01:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21		5.0	mg/Kg			10/03/24 10:21	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-27 4'

Lab Sample ID: 885-12721-80

Date Collected: 09/25/24 09:05

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 01:56	1
Toluene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 01:56	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 01:56	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 12:08	10/02/24 01:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130			10/01/24 12:08	10/02/24 01:56	1
1,4-Difluorobenzene (Surr)	109		70 - 130			10/01/24 12:08	10/02/24 01:56	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		09/30/24 12:07	10/01/24 19:15	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 19:15	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 19:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			09/30/24 12:07	10/01/24 19:15	1
o-Terphenyl	74		70 - 130			09/30/24 12:07	10/01/24 19:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26		5.0	mg/Kg			10/02/24 01:58	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-28 0'

Lab Sample ID: 885-12721-81

Date Collected: 09/25/24 09:10

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 05:28	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 05:28	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 05:28	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 05:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			10/02/24 10:55	10/03/24 05:28	1
1,4-Difluorobenzene (Surr)	103		70 - 130			10/02/24 10:55	10/03/24 05:28	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	*- *1	50	mg/Kg		10/02/24 10:33	10/03/24 01:18	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/03/24 01:18	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/03/24 01:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			10/02/24 10:33	10/03/24 01:18	1
o-Terphenyl	99		70 - 130			10/02/24 10:33	10/03/24 01:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.0	mg/Kg			10/03/24 10:27	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-28 2'

Lab Sample ID: 885-12721-82

Date Collected: 09/25/24 09:15

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 05:48	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 05:48	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/03/24 05:48	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/03/24 05:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			10/02/24 10:55	10/03/24 05:48	1
1,4-Difluorobenzene (Surr)	100		70 - 130			10/02/24 10:55	10/03/24 05:48	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	*- *1	50	mg/Kg		10/02/24 10:33	10/03/24 01:33	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/03/24 01:33	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/03/24 01:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130			10/02/24 10:33	10/03/24 01:33	1
o-Terphenyl	112		70 - 130			10/02/24 10:33	10/03/24 01:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49		5.0	mg/Kg			10/03/24 10:34	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-28 4'

Lab Sample ID: 885-12721-83

Date Collected: 09/25/24 09:20

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 10:51	1
Toluene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 10:51	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 10:51	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 11:02	10/03/24 10:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130			10/02/24 11:02	10/03/24 10:51	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/02/24 11:02	10/03/24 10:51	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	*- *1	50	mg/Kg		10/02/24 10:33	10/03/24 01:47	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/03/24 01:47	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/03/24 01:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			10/02/24 10:33	10/03/24 01:47	1
o-Terphenyl	103		70 - 130			10/02/24 10:33	10/03/24 01:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54		5.0	mg/Kg			10/03/24 01:34	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-29 0'

Lab Sample ID: 885-12721-84

Date Collected: 09/25/24 09:25

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 11:11	1
Toluene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 11:11	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 11:11	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 11:02	10/03/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130			10/02/24 11:02	10/03/24 11:11	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/02/24 11:02	10/03/24 11:11	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	*- *1	50	mg/Kg		10/02/24 10:33	10/03/24 02:03	1
Diesel Range Organics (Over C10-C28)	ND	*1	50	mg/Kg		10/02/24 10:33	10/03/24 02:03	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/03/24 02:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130			10/02/24 10:33	10/03/24 02:03	1
o-Terphenyl	102		70 - 130			10/02/24 10:33	10/03/24 02:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		5.0	mg/Kg			10/03/24 01:40	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-29 2'

Lab Sample ID: 885-12721-85

Date Collected: 09/25/24 09:30

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 11:32	1
Toluene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 11:32	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 11:32	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 11:02	10/03/24 11:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130			10/02/24 11:02	10/03/24 11:32	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/02/24 11:02	10/03/24 11:32	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		10/02/24 10:37	10/02/24 20:34	1
Diesel Range Organics (Over C10-C28)	ND	*+	50	mg/Kg		10/02/24 10:37	10/02/24 20:34	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:37	10/02/24 20:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			10/02/24 10:37	10/02/24 20:34	1
o-Terphenyl	73		70 - 130			10/02/24 10:37	10/02/24 20:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45		5.0	mg/Kg			10/03/24 11:57	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-29 4'

Lab Sample ID: 885-12721-86

Date Collected: 09/25/24 09:35

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 02:16	1
Toluene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 02:16	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 02:16	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 12:08	10/02/24 02:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130			10/01/24 12:08	10/02/24 02:16	1
1,4-Difluorobenzene (Surr)	117		70 - 130			10/01/24 12:08	10/02/24 02:16	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		09/30/24 12:07	10/01/24 19:30	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 19:30	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 19:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			09/30/24 12:07	10/01/24 19:30	1
o-Terphenyl	72		70 - 130			09/30/24 12:07	10/01/24 19:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		5.0	mg/Kg			10/02/24 02:04	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-30 0'

Lab Sample ID: 885-12721-87

Date Collected: 09/25/24 10:00

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 11:52	1
Toluene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 11:52	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 11:52	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 11:02	10/03/24 11:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130			10/02/24 11:02	10/03/24 11:52	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/02/24 11:02	10/03/24 11:52	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		10/02/24 10:37	10/02/24 21:18	1
Diesel Range Organics (Over C10-C28)	ND	*+	50	mg/Kg		10/02/24 10:37	10/02/24 21:18	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:37	10/02/24 21:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			10/02/24 10:37	10/02/24 21:18	1
o-Terphenyl	77		70 - 130			10/02/24 10:37	10/02/24 21:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	510		5.0	mg/Kg			10/03/24 12:22	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-30 2'

Lab Sample ID: 885-12721-88

Date Collected: 09/25/24 10:05

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 12:13	1
Toluene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 12:13	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 12:13	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 11:02	10/03/24 12:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130			10/02/24 11:02	10/03/24 12:13	1
1,4-Difluorobenzene (Surr)	95		70 - 130			10/02/24 11:02	10/03/24 12:13	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		10/02/24 10:37	10/02/24 21:33	1
Diesel Range Organics (Over C10-C28)	ND	*+	50	mg/Kg		10/02/24 10:37	10/02/24 21:33	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:37	10/02/24 21:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130			10/02/24 10:37	10/02/24 21:33	1
o-Terphenyl	83		70 - 130			10/02/24 10:37	10/02/24 21:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97		5.0	mg/Kg			10/03/24 02:03	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-30 4'

Lab Sample ID: 885-12721-89

Date Collected: 09/25/24 10:10

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 12:33	1
Toluene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 12:33	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 12:33	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 11:02	10/03/24 12:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130			10/02/24 11:02	10/03/24 12:33	1
1,4-Difluorobenzene (Surr)	95		70 - 130			10/02/24 11:02	10/03/24 12:33	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		10/02/24 10:37	10/02/24 21:48	1
Diesel Range Organics (Over C10-C28)	ND	*+	50	mg/Kg		10/02/24 10:37	10/02/24 21:48	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:37	10/02/24 21:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			10/02/24 10:37	10/02/24 21:48	1
o-Terphenyl	76		70 - 130			10/02/24 10:37	10/02/24 21:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70		5.0	mg/Kg			10/03/24 02:09	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-31 0'

Lab Sample ID: 885-12721-90

Date Collected: 09/25/24 10:15

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 02:37	1
Toluene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 02:37	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 02:37	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 12:08	10/02/24 02:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130			10/01/24 12:08	10/02/24 02:37	1
1,4-Difluorobenzene (Surr)	118		70 - 130			10/01/24 12:08	10/02/24 02:37	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		09/30/24 12:07	10/01/24 19:45	1
Diesel Range Organics (Over C10-C28)	51		50	mg/Kg		09/30/24 12:07	10/01/24 19:45	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 19:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			09/30/24 12:07	10/01/24 19:45	1
o-Terphenyl	72		70 - 130			09/30/24 12:07	10/01/24 19:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	480		5.1	mg/Kg			10/02/24 02:23	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-31 2'

Lab Sample ID: 885-12721-91

Date Collected: 09/25/24 10:20

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 12:54	1
Toluene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 12:54	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 12:54	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 11:02	10/03/24 12:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130			10/02/24 11:02	10/03/24 12:54	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/02/24 11:02	10/03/24 12:54	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		10/02/24 10:37	10/02/24 22:03	1
Diesel Range Organics (Over C10-C28)	ND	*+	50	mg/Kg		10/02/24 10:37	10/02/24 22:03	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:37	10/02/24 22:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130			10/02/24 10:37	10/02/24 22:03	1
o-Terphenyl	79		70 - 130			10/02/24 10:37	10/02/24 22:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40		5.0	mg/Kg			10/03/24 02:16	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-31 4'

Lab Sample ID: 885-12721-92

Date Collected: 09/25/24 10:25

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 02:57	1
Toluene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 02:57	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 02:57	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 12:08	10/02/24 02:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130			10/01/24 12:08	10/02/24 02:57	1
1,4-Difluorobenzene (Surr)	111		70 - 130			10/01/24 12:08	10/02/24 02:57	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		09/30/24 12:07	10/01/24 20:00	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 20:00	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 20:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130			09/30/24 12:07	10/01/24 20:00	1
o-Terphenyl	74		70 - 130			09/30/24 12:07	10/01/24 20:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.0	mg/Kg			10/02/24 02:30	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-32 0'

Lab Sample ID: 885-12721-93

Date Collected: 09/25/24 11:00

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 13:14	1
Toluene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 13:14	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 13:14	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 11:02	10/03/24 13:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130			10/02/24 11:02	10/03/24 13:14	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/02/24 11:02	10/03/24 13:14	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		10/02/24 10:37	10/02/24 22:18	1
Diesel Range Organics (Over C10-C28)	91	*+	50	mg/Kg		10/02/24 10:37	10/02/24 22:18	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:37	10/02/24 22:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130			10/02/24 10:37	10/02/24 22:18	1
o-Terphenyl	82		70 - 130			10/02/24 10:37	10/02/24 22:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4300		50	mg/Kg			10/03/24 12:28	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-32 2'

Lab Sample ID: 885-12721-94

Date Collected: 09/25/24 11:05

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 03:18	1
Toluene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 03:18	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 12:08	10/02/24 03:18	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 12:08	10/02/24 03:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130			10/01/24 12:08	10/02/24 03:18	1
1,4-Difluorobenzene (Surr)	112		70 - 130			10/01/24 12:08	10/02/24 03:18	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		09/30/24 12:07	10/01/24 20:14	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 20:14	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 20:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			09/30/24 12:07	10/01/24 20:14	1
o-Terphenyl	73		70 - 130			09/30/24 12:07	10/01/24 20:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	290		5.0	mg/Kg			10/02/24 08:35	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-32 4'

Lab Sample ID: 885-12721-95

Date Collected: 09/25/24 11:10

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 13:34	1
Toluene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 13:34	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 13:34	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 11:02	10/03/24 13:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130			10/02/24 11:02	10/03/24 13:34	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/02/24 11:02	10/03/24 13:34	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		10/02/24 10:37	10/02/24 22:32	1
Diesel Range Organics (Over C10-C28)	ND	*+	50	mg/Kg		10/02/24 10:37	10/02/24 22:32	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:37	10/02/24 22:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130			10/02/24 10:37	10/02/24 22:32	1
o-Terphenyl	84		70 - 130			10/02/24 10:37	10/02/24 22:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89		5.0	mg/Kg			10/03/24 12:34	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-33 0'

Lab Sample ID: 885-12721-96

Date Collected: 09/25/24 11:15

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 13:55	1
Toluene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 13:55	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 13:55	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 11:02	10/03/24 13:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130			10/02/24 11:02	10/03/24 13:55	1
1,4-Difluorobenzene (Surr)	96		70 - 130			10/02/24 11:02	10/03/24 13:55	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		10/02/24 10:37	10/02/24 22:47	1
Diesel Range Organics (Over C10-C28)	ND	*+	50	mg/Kg		10/02/24 10:37	10/02/24 22:47	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:37	10/02/24 22:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130			10/02/24 10:37	10/02/24 22:47	1
o-Terphenyl	73		70 - 130			10/02/24 10:37	10/02/24 22:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	210		5.0	mg/Kg			10/02/24 22:31	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-33 2'

Lab Sample ID: 885-12721-97

Date Collected: 09/25/24 11:20

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 10:06	1
Toluene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 10:06	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 10:06	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 16:17	10/03/24 10:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			10/02/24 16:17	10/03/24 10:06	1
1,4-Difluorobenzene (Surr)	103		70 - 130			10/02/24 16:17	10/03/24 10:06	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		10/02/24 10:37	10/02/24 23:02	1
Diesel Range Organics (Over C10-C28)	ND	*+	50	mg/Kg		10/02/24 10:37	10/02/24 23:02	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:37	10/02/24 23:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130			10/02/24 10:37	10/02/24 23:02	1
o-Terphenyl	86		70 - 130			10/02/24 10:37	10/02/24 23:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39		5.0	mg/Kg			10/02/24 22:48	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-33 4'

Lab Sample ID: 885-12721-98

Date Collected: 09/25/24 11:25

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 10:27	1
Toluene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 10:27	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 10:27	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 16:17	10/03/24 10:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			10/02/24 16:17	10/03/24 10:27	1
1,4-Difluorobenzene (Surr)	103		70 - 130			10/02/24 16:17	10/03/24 10:27	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		09/30/24 12:07	10/01/24 20:28	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 20:28	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 20:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130			09/30/24 12:07	10/01/24 20:28	1
o-Terphenyl	67	S1-	70 - 130			09/30/24 12:07	10/01/24 20:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		5.0	mg/Kg			10/02/24 02:38	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-34 0'

Lab Sample ID: 885-12721-99

Date Collected: 09/25/24 11:30

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 10:47	1
Toluene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 10:47	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 10:47	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 16:17	10/03/24 10:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			10/02/24 16:17	10/03/24 10:47	1
1,4-Difluorobenzene (Surr)	104		70 - 130			10/02/24 16:17	10/03/24 10:47	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		09/30/24 12:10	10/01/24 14:56	1
Diesel Range Organics (Over C10-C28)	260	F1	50	mg/Kg		09/30/24 12:10	10/01/24 14:56	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:10	10/01/24 14:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130			09/30/24 12:10	10/01/24 14:56	1
o-Terphenyl	88		70 - 130			09/30/24 12:10	10/01/24 14:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		5.0	mg/Kg			10/02/24 02:44	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-34 2'

Lab Sample ID: 885-12721-100

Date Collected: 09/25/24 11:35

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 11:08	1
Toluene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 11:08	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 11:08	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 16:17	10/03/24 11:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/02/24 16:17	10/03/24 11:08	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/02/24 16:17	10/03/24 11:08	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		09/30/24 12:10	10/01/24 15:43	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:10	10/01/24 15:43	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:10	10/01/24 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	09/30/24 12:10	10/01/24 15:43	1
o-Terphenyl	76		70 - 130	09/30/24 12:10	10/01/24 15:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50		5.0	mg/Kg			10/02/24 02:50	1

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-34 4'

Lab Sample ID: 885-12721-101

Date Collected: 09/25/24 11:40

Matrix: Solid

Date Received: 09/27/24 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 11:53	1
Toluene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 11:53	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 11:53	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 16:17	10/03/24 11:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			10/02/24 16:17	10/03/24 11:53	1
1,4-Difluorobenzene (Surr)	104		70 - 130			10/02/24 16:17	10/03/24 11:53	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		10/02/24 10:37	10/02/24 23:17	1
Diesel Range Organics (Over C10-C28)	ND	*+	50	mg/Kg		10/02/24 10:37	10/02/24 23:17	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:37	10/02/24 23:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130			10/02/24 10:37	10/02/24 23:17	1
o-Terphenyl	76		70 - 130			10/02/24 10:37	10/02/24 23:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15		5.0	mg/Kg			10/02/24 22:53	1

QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-92116/5-A
 Matrix: Solid
 Analysis Batch: 92216

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92116

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.0020	mg/Kg		09/30/24 10:59	10/01/24 11:35	1
Toluene	ND		0.0020	mg/Kg		09/30/24 10:59	10/01/24 11:35	1
Ethylbenzene	ND		0.0020	mg/Kg		09/30/24 10:59	10/01/24 11:35	1
Xylenes, Total	ND		0.0040	mg/Kg		09/30/24 10:59	10/01/24 11:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130			09/30/24 10:59	10/01/24 11:35	1
1,4-Difluorobenzene (Surr)	100		70 - 130			09/30/24 10:59	10/01/24 11:35	1

Lab Sample ID: MB 880-92237/5-A
 Matrix: Solid
 Analysis Batch: 92217

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92237

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.0020	mg/Kg		10/01/24 10:10	10/01/24 12:08	1
Toluene	ND		0.0020	mg/Kg		10/01/24 10:10	10/01/24 12:08	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 10:10	10/01/24 12:08	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 10:10	10/01/24 12:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130			10/01/24 10:10	10/01/24 12:08	1
1,4-Difluorobenzene (Surr)	89		70 - 130			10/01/24 10:10	10/01/24 12:08	1

Lab Sample ID: MB 880-92247/5-A
 Matrix: Solid
 Analysis Batch: 92217

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92247

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.0020	mg/Kg		10/01/24 10:26	10/01/24 23:45	1
Toluene	ND		0.0020	mg/Kg		10/01/24 10:26	10/01/24 23:45	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 10:26	10/01/24 23:45	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 10:26	10/01/24 23:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130			10/01/24 10:26	10/01/24 23:45	1
1,4-Difluorobenzene (Surr)	93		70 - 130			10/01/24 10:26	10/01/24 23:45	1

Lab Sample ID: LCS 880-92247/1-A
 Matrix: Solid
 Analysis Batch: 92217

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 92247

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.0981		mg/Kg		98	70 - 130
Toluene	0.100	0.0847		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.0932		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.212		mg/Kg		106	70 - 130
o-Xylene	0.100	0.0975		mg/Kg		98	70 - 130

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

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

Lab Sample ID: LCS 880-92247/1-A
 Matrix: Solid
 Analysis Batch: 92217

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 92247

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-92247/2-A
 Matrix: Solid
 Analysis Batch: 92217

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 92247

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.0976		mg/Kg		98	70 - 130	1	35
Toluene	0.100	0.0864		mg/Kg		86	70 - 130	2	35
Ethylbenzene	0.100	0.106		mg/Kg		106	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.240		mg/Kg		120	70 - 130	13	35
o-Xylene	0.100	0.110		mg/Kg		110	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-92255/5-A
 Matrix: Solid
 Analysis Batch: 92216

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92255

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 22:15	1
Toluene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 22:15	1
Ethylbenzene	ND		0.0020	mg/Kg		10/01/24 11:06	10/01/24 22:15	1
Xylenes, Total	ND		0.0040	mg/Kg		10/01/24 11:06	10/01/24 22:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	10/01/24 11:06	10/01/24 22:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/01/24 11:06	10/01/24 22:15	1

Lab Sample ID: LCS 880-92255/1-A
 Matrix: Solid
 Analysis Batch: 92216

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 92255

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.0966		mg/Kg		97	70 - 130
Toluene	0.100	0.0931		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.101		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.191		mg/Kg		95	70 - 130
o-Xylene	0.100	0.0953		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

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

Lab Sample ID: LCSD 880-92255/2-A
 Matrix: Solid
 Analysis Batch: 92216

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 92255

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.0918		mg/Kg		92	70 - 130	5	35
Toluene	0.100	0.0875		mg/Kg		88	70 - 130	6	35
Ethylbenzene	0.100	0.0952		mg/Kg		95	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.181		mg/Kg		90	70 - 130	5	35
o-Xylene	0.100	0.0894		mg/Kg		89	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 885-12721-2 MS
 Matrix: Solid
 Analysis Batch: 92216

Client Sample ID: BH24-01 2'
 Prep Type: Total/NA
 Prep Batch: 92255

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.100	0.0848		mg/Kg		85	70 - 130
Toluene	ND		0.100	0.0844		mg/Kg		84	70 - 130
Ethylbenzene	ND		0.100	0.0974		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	ND		0.200	0.180		mg/Kg		90	70 - 130
o-Xylene	ND		0.100	0.0908		mg/Kg		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 885-12721-2 MSD
 Matrix: Solid
 Analysis Batch: 92216

Client Sample ID: BH24-01 2'
 Prep Type: Total/NA
 Prep Batch: 92255

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	ND		0.100	0.0944		mg/Kg		94	70 - 130	11	35
Toluene	ND		0.100	0.0911		mg/Kg		91	70 - 130	8	35
Ethylbenzene	ND		0.100	0.0986		mg/Kg		99	70 - 130	1	35
m-Xylene & p-Xylene	ND		0.200	0.211		mg/Kg		106	70 - 130	16	35
o-Xylene	ND		0.100	0.102		mg/Kg		102	70 - 130	12	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: MB 880-92320/5-A
 Matrix: Solid
 Analysis Batch: 92318

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92320

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 08:26	10/02/24 11:08	1
Toluene	ND		0.0020	mg/Kg		10/02/24 08:26	10/02/24 11:08	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 08:26	10/02/24 11:08	1

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

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

Lab Sample ID: MB 880-92320/5-A
Matrix: Solid
Analysis Batch: 92318

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92320

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 08:26	10/02/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			10/02/24 08:26	10/02/24 11:08	1
1,4-Difluorobenzene (Surr)	101		70 - 130			10/02/24 08:26	10/02/24 11:08	1

Lab Sample ID: MB 880-92321/5-A
Matrix: Solid
Analysis Batch: 92317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92321

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 08:27	10/02/24 12:20	1
Toluene	ND		0.0020	mg/Kg		10/02/24 08:27	10/02/24 12:20	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 08:27	10/02/24 12:20	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 08:27	10/02/24 12:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130			10/02/24 08:27	10/02/24 12:20	1
1,4-Difluorobenzene (Surr)	95		70 - 130			10/02/24 08:27	10/02/24 12:20	1

Lab Sample ID: MB 880-92343/5-A
Matrix: Solid
Analysis Batch: 92317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92343

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/02/24 23:01	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:32	10/02/24 23:01	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:32	10/02/24 23:01	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:32	10/02/24 23:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130			10/02/24 10:32	10/02/24 23:01	1
1,4-Difluorobenzene (Surr)	99		70 - 130			10/02/24 10:32	10/02/24 23:01	1

Lab Sample ID: LCS 880-92343/1-A
Matrix: Solid
Analysis Batch: 92317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92343

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.0921		mg/Kg		92	70 - 130
Toluene	0.100	0.0870		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.0946		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.217		mg/Kg		109	70 - 130
o-Xylene	0.100	0.106		mg/Kg		106	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	111		70 - 130				

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QC Sample Results

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

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

Lab Sample ID: LCS 880-92343/1-A
Matrix: Solid
Analysis Batch: 92317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92343

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-92343/2-A
Matrix: Solid
Analysis Batch: 92317

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92343

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Benzene	0.100	0.0902		mg/Kg		90	70 - 130	2		35
Toluene	0.100	0.0860		mg/Kg		86	70 - 130	1		35
Ethylbenzene	0.100	0.0946		mg/Kg		95	70 - 130	0		35
m-Xylene & p-Xylene	0.200	0.218		mg/Kg		109	70 - 130	0		35
o-Xylene	0.100	0.105		mg/Kg		105	70 - 130	1		35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	120		70 - 130

Lab Sample ID: 885-12721-1 MS
Matrix: Solid
Analysis Batch: 92317

Client Sample ID: BH24-01 0'
Prep Type: Total/NA
Prep Batch: 92343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Benzene	ND		0.100	0.0810		mg/Kg		81	70 - 130	
Toluene	ND		0.100	0.0767		mg/Kg		77	70 - 130	
Ethylbenzene	ND		0.100	0.0967		mg/Kg		97	70 - 130	
m-Xylene & p-Xylene	ND		0.200	0.171		mg/Kg		85	70 - 130	
o-Xylene	ND		0.100	0.0828		mg/Kg		83	70 - 130	

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 885-12721-1 MSD
Matrix: Solid
Analysis Batch: 92317

Client Sample ID: BH24-01 0'
Prep Type: Total/NA
Prep Batch: 92343

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Benzene	ND		0.100	0.0817		mg/Kg		82	70 - 130	1
Toluene	ND		0.100	0.0757		mg/Kg		76	70 - 130	1
Ethylbenzene	ND		0.100	0.0885		mg/Kg		88	70 - 130	9
m-Xylene & p-Xylene	ND		0.200	0.162		mg/Kg		81	70 - 130	5
o-Xylene	ND		0.100	0.0794		mg/Kg		79	70 - 130	4

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

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

Lab Sample ID: MB 880-92348/5-A
 Matrix: Solid
 Analysis Batch: 92439

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92348

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 11:28	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 11:28	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:40	10/03/24 11:28	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:40	10/03/24 11:28	1
Surrogate		MB MB	Limits			Prepared	Analyzed	Dil Fac
		%Recovery		Qualifier				
4-Bromofluorobenzene (Surr)		255	S1+	70 - 130		10/02/24 10:40	10/03/24 11:28	1
1,4-Difluorobenzene (Surr)		164	S1+	70 - 130		10/02/24 10:40	10/03/24 11:28	1

Lab Sample ID: LCS 880-92348/1-A
 Matrix: Solid
 Analysis Batch: 92439

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 92348

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.0909		mg/Kg		91	70 - 130
Toluene	0.100	0.0773		mg/Kg		77	70 - 130
Ethylbenzene	0.100	0.0831		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.180		mg/Kg		90	70 - 130
o-Xylene	0.100	0.0930		mg/Kg		93	70 - 130
Surrogate		LCS LCS	Limits			%Rec	
		%Recovery		Qualifier			
4-Bromofluorobenzene (Surr)		117		70 - 130			
1,4-Difluorobenzene (Surr)		104		70 - 130			

Lab Sample ID: LCSD 880-92348/2-A
 Matrix: Solid
 Analysis Batch: 92439

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 92348

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.0887		mg/Kg		89	70 - 130	2	35
Toluene	0.100	0.0802		mg/Kg		80	70 - 130	4	35
Ethylbenzene	0.100	0.0879		mg/Kg		88	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.190		mg/Kg		95	70 - 130	5	35
o-Xylene	0.100	0.103		mg/Kg		103	70 - 130	10	35
Surrogate		LCSD LCSD	Limits			%Rec			
		%Recovery		Qualifier					
4-Bromofluorobenzene (Surr)		119		70 - 130					
1,4-Difluorobenzene (Surr)		100		70 - 130					

Lab Sample ID: MB 880-92350/5-A
 Matrix: Solid
 Analysis Batch: 92318

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92350

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 21:56	1
Toluene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 21:56	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 10:55	10/02/24 21:56	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 10:55	10/02/24 21:56	1

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

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

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	104		70 - 130	10/02/24 10:55	10/02/24 21:56	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/02/24 10:55	10/02/24 21:56	1

Lab Sample ID: LCS 880-92350/1-A
 Matrix: Solid
 Analysis Batch: 92318

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 92350

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.100	0.0715		mg/Kg		72	70 - 130
Ethylbenzene	0.100	0.0706		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	0.200	0.153		mg/Kg		77	70 - 130
o-Xylene	0.100	0.0787		mg/Kg		79	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-92350/2-A
 Matrix: Solid
 Analysis Batch: 92318

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 92350

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.100	0.0808		mg/Kg		81	70 - 130	5	35
Toluene	0.100	0.0746		mg/Kg		75	70 - 130	4	35
Ethylbenzene	0.100	0.0737		mg/Kg		74	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.159		mg/Kg		79	70 - 130	4	35
o-Xylene	0.100	0.0815		mg/Kg		82	70 - 130	4	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 885-12721-52 MS
 Matrix: Solid
 Analysis Batch: 92318

Client Sample ID: BH24-18 2'
 Prep Type: Total/NA
 Prep Batch: 92350

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	ND		0.100	0.0757		mg/Kg		76	70 - 130
Ethylbenzene	ND		0.100	0.0751		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	ND		0.200	0.160		mg/Kg		80	70 - 130
o-Xylene	ND		0.100	0.0804		mg/Kg		80	70 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

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

Lab Sample ID: 885-12721-52 MSD

Matrix: Solid

Analysis Batch: 92318

Client Sample ID: BH24-18 2'

Prep Type: Total/NA

Prep Batch: 92350

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzene	ND		0.100	0.0863		mg/Kg		86	70 - 130	5	35
Toluene	ND		0.100	0.0800		mg/Kg		80	70 - 130	6	35
Ethylbenzene	ND		0.100	0.0785		mg/Kg		78	70 - 130	4	35
m-Xylene & p-Xylene	ND		0.200	0.167		mg/Kg		83	70 - 130	5	35
o-Xylene	ND		0.100	0.0845		mg/Kg		85	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-92351/5-A

Matrix: Solid

Analysis Batch: 92326

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92351

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 10:29	1
Toluene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 10:29	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 11:02	10/03/24 10:29	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 11:02	10/03/24 10:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	10/02/24 11:02	10/03/24 10:29	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/02/24 11:02	10/03/24 10:29	1

Lab Sample ID: LCS 880-92351/1-A

Matrix: Solid

Analysis Batch: 92326

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92351

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	RPD	Limit
		Result	Qualifier				Limits		
Benzene	0.100	0.0945		mg/Kg		94	70 - 130		
Toluene	0.100	0.0948		mg/Kg		95	70 - 130		
Ethylbenzene	0.100	0.0945		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene	0.200	0.194		mg/Kg		97	70 - 130		
o-Xylene	0.100	0.0986		mg/Kg		99	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-92351/2-A

Matrix: Solid

Analysis Batch: 92326

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92351

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
		Result	Qualifier				Limits		
Benzene	0.100	0.111		mg/Kg		111	70 - 130	16	35
Toluene	0.100	0.112		mg/Kg		112	70 - 130	17	35
Ethylbenzene	0.100	0.114		mg/Kg		114	70 - 130	18	35
m-Xylene & p-Xylene	0.200	0.236		mg/Kg		118	70 - 130	20	35

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QC Sample Results

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

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

Lab Sample ID: LCSD 880-92351/2-A
Matrix: Solid
Analysis Batch: 92326

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92351

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
o-Xylene	0.100	0.117		mg/Kg		117	70 - 130	17	35	
Surrogate	%Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	120		70 - 130							
1,4-Difluorobenzene (Surr)	94		70 - 130							

Lab Sample ID: 885-12721-83 MS
Matrix: Solid
Analysis Batch: 92326

Client Sample ID: BH24-28 4'
Prep Type: Total/NA
Prep Batch: 92351

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.100	0.0851		mg/Kg		85	70 - 130		
Toluene	ND		0.100	0.0856		mg/Kg		86	70 - 130		
Ethylbenzene	ND		0.100	0.0852		mg/Kg		85	70 - 130		
m-Xylene & p-Xylene	ND		0.200	0.173		mg/Kg		87	70 - 130		
o-Xylene	ND		0.100	0.0870		mg/Kg		87	70 - 130		
Surrogate	%Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	121		70 - 130								
1,4-Difluorobenzene (Surr)	95		70 - 130								

Lab Sample ID: 885-12721-83 MSD
Matrix: Solid
Analysis Batch: 92326

Client Sample ID: BH24-28 4'
Prep Type: Total/NA
Prep Batch: 92351

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.100	0.0831		mg/Kg		83	70 - 130	2	35
Toluene	ND		0.100	0.0835		mg/Kg		84	70 - 130	3	35
Ethylbenzene	ND		0.100	0.0830		mg/Kg		83	70 - 130	3	35
m-Xylene & p-Xylene	ND		0.200	0.169		mg/Kg		84	70 - 130	3	35
o-Xylene	ND		0.100	0.0844		mg/Kg		84	70 - 130	3	35
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	122		70 - 130								
1,4-Difluorobenzene (Surr)	95		70 - 130								

Lab Sample ID: MB 880-92406/5-A
Matrix: Solid
Analysis Batch: 92318

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92406

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 09:44	1
Toluene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 09:44	1
Ethylbenzene	ND		0.0020	mg/Kg		10/02/24 16:17	10/03/24 09:44	1
Xylenes, Total	ND		0.0040	mg/Kg		10/02/24 16:17	10/03/24 09:44	1

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

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

Lab Sample ID: MB 880-92406/5-A
 Matrix: Solid
 Analysis Batch: 92318

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92406

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	109		70 - 130	10/02/24 16:17	10/03/24 09:44	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/02/24 16:17	10/03/24 09:44	1

Lab Sample ID: LCS 880-92406/1-A
 Matrix: Solid
 Analysis Batch: 92318

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 92406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.100	0.0862		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.0846		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.181		mg/Kg		91	70 - 130
o-Xylene	0.100	0.0924		mg/Kg		92	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-92406/2-A
 Matrix: Solid
 Analysis Batch: 92318

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 92406

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.100	0.0906		mg/Kg		91	70 - 130	3	35
Toluene	0.100	0.0843		mg/Kg		84	70 - 130	2	35
Ethylbenzene	0.100	0.0842		mg/Kg		84	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.179		mg/Kg		90	70 - 130	1	35
o-Xylene	0.100	0.0922		mg/Kg		92	70 - 130	0	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 885-12721-97 MS
 Matrix: Solid
 Analysis Batch: 92318

Client Sample ID: BH24-33 2'
 Prep Type: Total/NA
 Prep Batch: 92406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	ND		0.100	0.0812		mg/Kg		81	70 - 130
Ethylbenzene	ND		0.100	0.0809		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	ND		0.200	0.172		mg/Kg		86	70 - 130
o-Xylene	ND		0.100	0.0886		mg/Kg		89	70 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

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

Lab Sample ID: 885-12721-97 MSD

Matrix: Solid

Analysis Batch: 92318

Client Sample ID: BH24-33 2'

Prep Type: Total/NA

Prep Batch: 92406

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzene	ND		0.100	0.101		mg/Kg		101	70 - 130	14	35
Toluene	ND		0.100	0.0933		mg/Kg		93	70 - 130	14	35
Ethylbenzene	ND		0.100	0.0940		mg/Kg		94	70 - 130	15	35
m-Xylene & p-Xylene	ND		0.200	0.204		mg/Kg		102	70 - 130	17	35
o-Xylene	ND		0.100	0.101		mg/Kg		101	70 - 130	13	35
				MSD	MSD						
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	106		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								

Lab Sample ID: MB 880-92441/5-A

Matrix: Solid

Analysis Batch: 92440

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92441

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 10:54	1
Toluene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 10:54	1
Ethylbenzene	ND		0.0020	mg/Kg		10/03/24 08:18	10/03/24 10:54	1
Xylenes, Total	ND		0.0040	mg/Kg		10/03/24 08:18	10/03/24 10:54	1
				MB	MB			
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130			10/03/24 08:18	10/03/24 10:54	1
1,4-Difluorobenzene (Surr)	98		70 - 130			10/03/24 08:18	10/03/24 10:54	1

Lab Sample ID: LCS 880-92441/1-A

Matrix: Solid

Analysis Batch: 92440

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92441

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	RPD	Limit	
		Added	Result				Qualifier			Limits
Benzene	0.100	0.0907		mg/Kg		91	70 - 130			
Toluene	0.100	0.0819		mg/Kg		82	70 - 130			
Ethylbenzene	0.100	0.119		mg/Kg		119	70 - 130			
m-Xylene & p-Xylene	0.200	0.217		mg/Kg		109	70 - 130			
o-Xylene	0.100	0.105		mg/Kg		105	70 - 130			
				LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	104		70 - 130							
1,4-Difluorobenzene (Surr)	122		70 - 130							

Lab Sample ID: LCSD 880-92441/2-A

Matrix: Solid

Analysis Batch: 92440

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92441

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
		Added	Result				Qualifier		
Benzene	0.100	0.106		mg/Kg		106	70 - 130	16	35
Toluene	0.100	0.104		mg/Kg		104	70 - 130	23	35
Ethylbenzene	0.100	0.116		mg/Kg		116	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.264	*+	mg/Kg		132	70 - 130	19	35

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QC Sample Results

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

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

Lab Sample ID: LCSD 880-92441/2-A
Matrix: Solid
Analysis Batch: 92440

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92441

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
o-Xylene	0.100	0.127		mg/Kg		127	70 - 130	19	35	
Surrogate	%Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	115		70 - 130							
1,4-Difluorobenzene (Surr)	109		70 - 130							

Lab Sample ID: 885-12721-41 MS
Matrix: Solid
Analysis Batch: 92440

Client Sample ID: BH24-14 2'
Prep Type: Total/NA
Prep Batch: 92441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.100	0.0958		mg/Kg		96	70 - 130		
Toluene	ND		0.100	0.0969		mg/Kg		97	70 - 130		
Ethylbenzene	ND		0.100	0.110		mg/Kg		110	70 - 130		
m-Xylene & p-Xylene	ND	*+	0.200	0.201		mg/Kg		100	70 - 130		
o-Xylene	ND		0.100	0.114		mg/Kg		114	70 - 130		
Surrogate	%Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	120		70 - 130								
1,4-Difluorobenzene (Surr)	107		70 - 130								

Lab Sample ID: 885-12721-41 MSD
Matrix: Solid
Analysis Batch: 92440

Client Sample ID: BH24-14 2'
Prep Type: Total/NA
Prep Batch: 92441

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.100	0.0934		mg/Kg		93	70 - 130	2	35
Toluene	ND		0.100	0.0924		mg/Kg		92	70 - 130	5	35
Ethylbenzene	ND		0.100	0.104		mg/Kg		104	70 - 130	6	35
m-Xylene & p-Xylene	ND	*+	0.200	0.190		mg/Kg		95	70 - 130	6	35
o-Xylene	ND		0.100	0.0932		mg/Kg		93	70 - 130	20	35
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	106		70 - 130								
1,4-Difluorobenzene (Surr)	112		70 - 130								

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-92048/1-A
Matrix: Solid
Analysis Batch: 92175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92048

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50	mg/Kg		09/29/24 20:59	10/01/24 10:31	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 10:31	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/29/24 20:59	10/01/24 10:31	1

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QC Sample Results

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-92048/1-A
Matrix: Solid
Analysis Batch: 92175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92048

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	133	S1+	70 - 130	09/29/24 20:59	10/01/24 10:31	1
o-Terphenyl	212	S1+	70 - 130	09/29/24 20:59	10/01/24 10:31	1

Lab Sample ID: LCS 880-92048/2-A
Matrix: Solid
Analysis Batch: 92175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92048

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1230		mg/Kg		123	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1120		mg/Kg		112	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	146	S1+	70 - 130
o-Terphenyl	133	S1+	70 - 130

Lab Sample ID: LCSD 880-92048/3-A
Matrix: Solid
Analysis Batch: 92175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92048

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1200		mg/Kg		120	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1000		mg/Kg		100	70 - 130	11	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: MB 880-92130/1-A
Matrix: Solid
Analysis Batch: 92281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92130

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50	mg/Kg		09/30/24 12:07	10/01/24 07:28	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 07:28	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:07	10/01/24 07:28	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	68	S1-	70 - 130	09/30/24 12:07	10/01/24 07:28	1
o-Terphenyl	75		70 - 130	09/30/24 12:07	10/01/24 07:28	1

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-92130/2-A
Matrix: Solid
Analysis Batch: 92281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	851		mg/Kg		85	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	925		mg/Kg		92	70 - 130	
		LCS	LCS					
Surrogate		%Recovery	Qualifier			Limits		
1-Chlorooctane		116				70 - 130		
o-Terphenyl		115				70 - 130		

Lab Sample ID: LCSD 880-92130/3-A
Matrix: Solid
Analysis Batch: 92281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92130

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	735		mg/Kg		74	70 - 130	15	20	
Diesel Range Organics (Over C10-C28)	1000	803		mg/Kg		80	70 - 130	14	20	
		LCSD	LCSD							
Surrogate		%Recovery	Qualifier			Limits				
1-Chlorooctane		101				70 - 130				
o-Terphenyl		99				70 - 130				

Lab Sample ID: 885-12721-36 MS
Matrix: Solid
Analysis Batch: 92281

Client Sample ID: BH24-12 4'
Prep Type: Total/NA
Prep Batch: 92130

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	ND	F1	994	641	F1	mg/Kg		64	70 - 130	
Diesel Range Organics (Over C10-C28)	ND	F1	994	629	F1	mg/Kg		63	70 - 130	
		MS	MS							
Surrogate		%Recovery	Qualifier			Limits				
1-Chlorooctane		80				70 - 130				
o-Terphenyl		74				70 - 130				

Lab Sample ID: 885-12721-36 MSD
Matrix: Solid
Analysis Batch: 92281

Client Sample ID: BH24-12 4'
Prep Type: Total/NA
Prep Batch: 92130

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
Gasoline Range Organics (GRO)-C6-C10	ND	F1	994	664	F1	mg/Kg		67	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	ND	F1	994	652	F1	mg/Kg		66	70 - 130	3	20	
		MSD	MSD									
Surrogate		%Recovery	Qualifier			Limits						
1-Chlorooctane		80				70 - 130						

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-12721-36 MSD
Matrix: Solid
Analysis Batch: 92281

Client Sample ID: BH24-12 4'
Prep Type: Total/NA
Prep Batch: 92130

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl	74		70 - 130

Lab Sample ID: MB 880-92131/1-A
Matrix: Solid
Analysis Batch: 92279

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92131

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	ND		50	mg/Kg		09/30/24 12:10	10/01/24 07:28	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:10	10/01/24 07:28	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:10	10/01/24 07:28	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
<i>1</i> -Chlorooctane	88		70 - 130	09/30/24 12:10	10/01/24 07:28	1
<i>o</i> -Terphenyl	89		70 - 130	09/30/24 12:10	10/01/24 07:28	1

Lab Sample ID: LCS 880-92131/2-A
Matrix: Solid
Analysis Batch: 92279

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92131

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1110		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane	144	S1+	70 - 130
<i>o</i> -Terphenyl	136	S1+	70 - 130

Lab Sample ID: LCSD 880-92131/3-A
Matrix: Solid
Analysis Batch: 92279

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92131

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	948		mg/Kg		95	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	1000	909		mg/Kg		91	70 - 130	16	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane	128		70 - 130
<i>o</i> -Terphenyl	120		70 - 130

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-12721-99 MS
Matrix: Solid
Analysis Batch: 92279

Client Sample ID: BH24-34 0'
Prep Type: Total/NA
Prep Batch: 92131

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	ND		995	768		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	260	F1	995	801	F1	mg/Kg		54	70 - 130
Surrogate	%Recovery	Qualifier	Limits	MS	MS				
1-Chlorooctane	91		70 - 130						
o-Terphenyl	81		70 - 130						

Lab Sample ID: 885-12721-99 MSD
Matrix: Solid
Analysis Batch: 92279

Client Sample ID: BH24-34 0'
Prep Type: Total/NA
Prep Batch: 92131

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	ND		995	835		mg/Kg		84	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	260	F1	995	826	F1	mg/Kg		57	70 - 130	3	20
Surrogate	%Recovery	Qualifier	Limits	MSD	MSD						
1-Chlorooctane	92		70 - 130								
o-Terphenyl	84		70 - 130								

Lab Sample ID: MB 880-92139/1-A
Matrix: Solid
Analysis Batch: 92333

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92139

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	ND		50	mg/Kg		09/30/24 12:22	10/02/24 19:47	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 19:47	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 12:22	10/02/24 19:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130			09/30/24 12:22	10/02/24 19:47	1
o-Terphenyl	144	S1+	70 - 130			09/30/24 12:22	10/02/24 19:47	1

Lab Sample ID: LCS 880-92139/2-A
Matrix: Solid
Analysis Batch: 92333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92139

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	986		mg/Kg		99	70 - 130

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-92139/2-A
Matrix: Solid
Analysis Batch: 92333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92139

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	133	S1+	70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: LCSD 880-92139/3-A
Matrix: Solid
Analysis Batch: 92333

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92139

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1220		mg/Kg		122	70 - 130	3		20
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130	8		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	141	S1+	70 - 130
o-Terphenyl	128		70 - 130

Lab Sample ID: 885-12721-1 MS
Matrix: Solid
Analysis Batch: 92333

Client Sample ID: BH24-01 0'
Prep Type: Total/NA
Prep Batch: 92139

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	ND		998	1040		mg/Kg		104	70 - 130			
Diesel Range Organics (Over C10-C28)	56		998	880		mg/Kg		83	70 - 130			

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	106		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: 885-12721-1 MSD
Matrix: Solid
Analysis Batch: 92333

Client Sample ID: BH24-01 0'
Prep Type: Total/NA
Prep Batch: 92139

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	ND		998	1040		mg/Kg		104	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	56		998	864		mg/Kg		81	70 - 130	2		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	106		70 - 130
o-Terphenyl	93		70 - 130

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-92169/1-A
 Matrix: Solid
 Analysis Batch: 92335

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92169

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50	mg/Kg		09/30/24 14:54	10/02/24 19:47	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 19:47	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		09/30/24 14:54	10/02/24 19:47	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130			09/30/24 14:54	10/02/24 19:47	1
o-Terphenyl	137	S1+	70 - 130			09/30/24 14:54	10/02/24 19:47	1

Lab Sample ID: LCS 880-92169/2-A
 Matrix: Solid
 Analysis Batch: 92335

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 92169

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1290		mg/Kg		129	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1260		mg/Kg		126	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	161	S1+	70 - 130				
o-Terphenyl	163	S1+	70 - 130				

Lab Sample ID: LCSD 880-92169/3-A
 Matrix: Solid
 Analysis Batch: 92335

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 92169

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1260		mg/Kg		126	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1180		mg/Kg		118	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	149	S1+	70 - 130						
o-Terphenyl	151	S1+	70 - 130						

Lab Sample ID: 885-12721-28 MS
 Matrix: Solid
 Analysis Batch: 92335

Client Sample ID: BH24-10 0'
 Prep Type: Total/NA
 Prep Batch: 92169

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		993	1000		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	ND		993	986		mg/Kg		99	70 - 130

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-12721-28 MS
Matrix: Solid
Analysis Batch: 92335

Client Sample ID: BH24-10 0'
Prep Type: Total/NA
Prep Batch: 92169

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 885-12721-28 MSD
Matrix: Solid
Analysis Batch: 92335

Client Sample ID: BH24-10 0'
Prep Type: Total/NA
Prep Batch: 92169

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		993	1010		mg/Kg		102	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	ND		993	978		mg/Kg		99	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: MB 880-92344/1-A
Matrix: Solid
Analysis Batch: 92337

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92344

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50	mg/Kg		10/02/24 10:33	10/02/24 19:49	1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 19:49	1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:33	10/02/24 19:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	10/02/24 10:33	10/02/24 19:49	1
o-Terphenyl	77		70 - 130	10/02/24 10:33	10/02/24 19:49	1

Lab Sample ID: LCS 880-92344/2-A
Matrix: Solid
Analysis Batch: 92337

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1030		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1220		mg/Kg		122	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	120		70 - 130

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-92344/3-A
 Matrix: Solid
 Analysis Batch: 92337

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 92344

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
										LCSD
Gasoline Range Organics (GRO)-C6-C10	1000	693	*- *1	mg/Kg		69	70 - 130	39	20	
Diesel Range Organics (Over C10-C28)	1000	917	*1	mg/Kg		92	70 - 130	28	20	
		LCSD	LCSD							
Surrogate		%Recovery	Qualifier	Limits						
1-Chlorooctane		88		70 - 130						
o-Terphenyl		90		70 - 130						

Lab Sample ID: 885-12721-57 MS
 Matrix: Solid
 Analysis Batch: 92337

Client Sample ID: BH24-20 0'
 Prep Type: Total/NA
 Prep Batch: 92344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
										MS
Gasoline Range Organics (GRO)-C6-C10	ND	*- *1	999	923		mg/Kg		92	70 - 130	
Diesel Range Organics (Over C10-C28)	ND	*1	999	848		mg/Kg		85	70 - 130	
		MS	MS							
Surrogate		%Recovery	Qualifier	Limits						
1-Chlorooctane		107		70 - 130						
o-Terphenyl		94		70 - 130						

Lab Sample ID: 885-12721-57 MSD
 Matrix: Solid
 Analysis Batch: 92337

Client Sample ID: BH24-20 0'
 Prep Type: Total/NA
 Prep Batch: 92344

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	*- *1	999	832		mg/Kg		83	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	ND	*1	999	802		mg/Kg		80	70 - 130	6	20
		MSD	MSD								
Surrogate		%Recovery	Qualifier	Limits							
1-Chlorooctane		104		70 - 130							
o-Terphenyl		90		70 - 130							

Lab Sample ID: MB 880-92346/1-A
 Matrix: Solid
 Analysis Batch: 92339

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 92346

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	ND		50	mg/Kg		10/02/24 10:37	10/02/24 19:49		1
Diesel Range Organics (Over C10-C28)	ND		50	mg/Kg		10/02/24 10:37	10/02/24 19:49		1
Oil Range Organics (Over C28-C36)	ND		50	mg/Kg		10/02/24 10:37	10/02/24 19:49		1

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-92346/1-A
Matrix: Solid
Analysis Batch: 92339

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92346

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	74		70 - 130	10/02/24 10:37	10/02/24 19:49	1
o-Terphenyl	80		70 - 130	10/02/24 10:37	10/02/24 19:49	1

Lab Sample ID: LCS 880-92346/2-A
Matrix: Solid
Analysis Batch: 92339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92346

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1320	*+	mg/Kg		132	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	141	S1+	70 - 130
o-Terphenyl	134	S1+	70 - 130

Lab Sample ID: LCSD 880-92346/3-A
Matrix: Solid
Analysis Batch: 92339

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92346

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits	RPD	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1020		mg/Kg		102	70 - 130	15	20	
Diesel Range Organics (Over C10-C28)	1000	1140		mg/Kg		114	70 - 130	14	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	122		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: 885-12721-85 MS
Matrix: Solid
Analysis Batch: 92339

Client Sample ID: BH24-29 2'
Prep Type: Total/NA
Prep Batch: 92346

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	ND	F1	996	744		mg/Kg		75	70 - 130	
Diesel Range Organics (Over C10-C28)	ND	*+	996	737		mg/Kg		74	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	90		70 - 130
o-Terphenyl	84		70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-12721-85 MSD
 Matrix: Solid
 Analysis Batch: 92339

Client Sample ID: BH24-29 2'
 Prep Type: Total/NA
 Prep Batch: 92346

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	996	674	F1	mg/Kg		68	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	ND	*+	996	705		mg/Kg		71	70 - 130	4	20
Surrogate	%Recovery	MSD Qualifier	MSD	Limits							
1-Chlorooctane	89			70 - 130							
o-Terphenyl	83			70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-91974/1-A
 Matrix: Solid
 Analysis Batch: 92262

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg			10/01/24 20:11	1

Lab Sample ID: LCS 880-91974/2-A
 Matrix: Solid
 Analysis Batch: 92262

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 880-91974/3-A
 Matrix: Solid
 Analysis Batch: 92262

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: 885-12721-2 MS
 Matrix: Solid
 Analysis Batch: 92262

Client Sample ID: BH24-01 2'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14		252	253		mg/Kg		95	90 - 110

Lab Sample ID: 885-12721-2 MSD
 Matrix: Solid
 Analysis Batch: 92262

Client Sample ID: BH24-01 2'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14		252	253		mg/Kg		95	90 - 110	0	20

Eurofins Albuquerque

QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-12721-37 MS
 Matrix: Solid
 Analysis Batch: 92262

Client Sample ID: BH24-13 0'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	26		253	272		mg/Kg		97	90 - 110

Lab Sample ID: 885-12721-37 MSD
 Matrix: Solid
 Analysis Batch: 92262

Client Sample ID: BH24-13 0'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	26		253	272		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-91975/1-A
 Matrix: Solid
 Analysis Batch: 92274

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg			10/02/24 08:29	1

Lab Sample ID: LCS 880-91975/2-A
 Matrix: Solid
 Analysis Batch: 92274

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-91975/3-A
 Matrix: Solid
 Analysis Batch: 92274

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	244		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 885-12721-66 MS
 Matrix: Solid
 Analysis Batch: 92274

Client Sample ID: BH24-23 0'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6.5		249	245		mg/Kg		96	90 - 110

Lab Sample ID: 885-12721-66 MSD
 Matrix: Solid
 Analysis Batch: 92274

Client Sample ID: BH24-23 0'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6.5		249	244		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 885-12721-100 MS
 Matrix: Solid
 Analysis Batch: 92274

Client Sample ID: BH24-34 2'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50		248	283		mg/Kg		94	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-12721-100 MSD
 Matrix: Solid
 Analysis Batch: 92274

Client Sample ID: BH24-34 2'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	50		248	284		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-91976/1-A
 Matrix: Solid
 Analysis Batch: 92352

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg			10/02/24 19:06	1

Lab Sample ID: LCS 880-91976/2-A
 Matrix: Solid
 Analysis Batch: 92352

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-91976/3-A
 Matrix: Solid
 Analysis Batch: 92352

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	246		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 885-12721-1 MS
 Matrix: Solid
 Analysis Batch: 92352

Client Sample ID: BH24-01 0'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	660		251	898		mg/Kg		95	90 - 110

Lab Sample ID: 885-12721-1 MSD
 Matrix: Solid
 Analysis Batch: 92352

Client Sample ID: BH24-01 0'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	660		251	901		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 885-12721-15 MS
 Matrix: Solid
 Analysis Batch: 92352

Client Sample ID: BH24-05 4'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	ND		252	242		mg/Kg		94	90 - 110

Lab Sample ID: 885-12721-15 MSD
 Matrix: Solid
 Analysis Batch: 92352

Client Sample ID: BH24-05 4'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		252	242		mg/Kg		94	90 - 110	0	20

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-91977/1-A
 Matrix: Solid
 Analysis Batch: 92357

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg			10/02/24 23:59	1

Lab Sample ID: LCS 880-91977/2-A
 Matrix: Solid
 Analysis Batch: 92357

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 880-91977/3-A
 Matrix: Solid
 Analysis Batch: 92357

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	241		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 885-12721-28 MS
 Matrix: Solid
 Analysis Batch: 92357

Client Sample ID: BH24-10 0'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	120		251	371		mg/Kg		99	90 - 110

Lab Sample ID: 885-12721-28 MSD
 Matrix: Solid
 Analysis Batch: 92357

Client Sample ID: BH24-10 0'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	120		251	368		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 885-12721-60 MS
 Matrix: Solid
 Analysis Batch: 92357

Client Sample ID: BH24-21 0'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	48		249	297		mg/Kg		100	90 - 110

Lab Sample ID: 885-12721-60 MSD
 Matrix: Solid
 Analysis Batch: 92357

Client Sample ID: BH24-21 0'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	48		249	295		mg/Kg		99	90 - 110	1	20

Lab Sample ID: MB 880-91978/1-A
 Matrix: Solid
 Analysis Batch: 92358

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg			10/02/24 22:15	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-91978/2-A
Matrix: Solid
Analysis Batch: 92358

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-91978/3-A
Matrix: Solid
Analysis Batch: 92358

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	246		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 885-12721-96 MS
Matrix: Solid
Analysis Batch: 92358

Client Sample ID: BH24-33 0'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	210		251	463		mg/Kg		100	90 - 110

Lab Sample ID: 885-12721-96 MSD
Matrix: Solid
Analysis Batch: 92358

Client Sample ID: BH24-33 0'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	210		251	464		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-91981/1-A
Matrix: Solid
Analysis Batch: 92375

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg			10/03/24 06:30	1

Lab Sample ID: LCS 880-91981/2-A
Matrix: Solid
Analysis Batch: 92375

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-91981/3-A
Matrix: Solid
Analysis Batch: 92375

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	245		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 885-12721-43 MS
Matrix: Solid
Analysis Batch: 92375

Client Sample ID: BH24-15 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	470	F1 F2	251	268	F1	mg/Kg		-80	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-12721-43 MSD
 Matrix: Solid
 Analysis Batch: 92375

Client Sample ID: BH24-15 2'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	470	F1 F2	251	683	F1 F2	mg/Kg		85	90 - 110	87	20

Lab Sample ID: 885-12721-61 MS
 Matrix: Solid
 Analysis Batch: 92375

Client Sample ID: BH24-21 2'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	8.7	F1	248	230	F1	mg/Kg		89	90 - 110

Lab Sample ID: 885-12721-61 MSD
 Matrix: Solid
 Analysis Batch: 92375

Client Sample ID: BH24-21 2'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8.7	F1	248	237		mg/Kg		92	90 - 110	3	20

Lab Sample ID: MB 880-91980/1-A
 Matrix: Solid
 Analysis Batch: 92376

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg			10/03/24 10:56	1

Lab Sample ID: LCS 880-91980/2-A
 Matrix: Solid
 Analysis Batch: 92376

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-91980/3-A
 Matrix: Solid
 Analysis Batch: 92376

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	260		mg/Kg		104	90 - 110	0	20

Lab Sample ID: MB 880-92381/1-A
 Matrix: Solid
 Analysis Batch: 92382

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg			10/03/24 09:36	1

Lab Sample ID: LCS 880-92381/2-A
 Matrix: Solid
 Analysis Batch: 92382

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251		mg/Kg		100	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-92381/3-A
 Matrix: Solid
 Analysis Batch: 92382

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	246		mg/Kg		99	90 - 110	2	20

Lab Sample ID: 885-12721-77 MS
 Matrix: Solid
 Analysis Batch: 92382

Client Sample ID: BH24-26 4'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	22		249	264		mg/Kg		97	90 - 110

Lab Sample ID: 885-12721-77 MSD
 Matrix: Solid
 Analysis Batch: 92382

Client Sample ID: BH24-26 4'
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	22		249	264		mg/Kg		97	90 - 110	0	20

QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

GC VOA

Prep Batch: 92116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-92116/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 92216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-2	BH24-01 2'	Total/NA	Solid	8021B	92255
885-12721-9	BH24-03 4'	Total/NA	Solid	8021B	92255
885-12721-11	BH24-04 2'	Total/NA	Solid	8021B	92255
885-12721-13	BH24-05 0'	Total/NA	Solid	8021B	92255
885-12721-17	BH24-06 2'	Total/NA	Solid	8021B	92255
885-12721-18	BH24-06 4'	Total/NA	Solid	8021B	92255
885-12721-22	BH24-08 0'	Total/NA	Solid	8021B	92255
885-12721-29	BH24-10 2'	Total/NA	Solid	8021B	92255
885-12721-33	BH24-11 4'	Total/NA	Solid	8021B	92255
885-12721-36	BH24-12 4'	Total/NA	Solid	8021B	92255
885-12721-37	BH24-13 0'	Total/NA	Solid	8021B	92255
885-12721-40	BH24-14 0'	Total/NA	Solid	8021B	92255
885-12721-42	BH24-15 0'	Total/NA	Solid	8021B	92255
885-12721-54	BH24-19 0'	Total/NA	Solid	8021B	92255
885-12721-55	BH24-19 2'	Total/NA	Solid	8021B	92255
885-12721-56	BH24-19 4'	Total/NA	Solid	8021B	92255
885-12721-59	BH24-20 4'	Total/NA	Solid	8021B	92255
885-12721-62	BH24-21 4'	Total/NA	Solid	8021B	92255
885-12721-63	BH24-22 0'	Total/NA	Solid	8021B	92255
885-12721-64	BH24-22 2'	Total/NA	Solid	8021B	92255
MB 880-92116/5-A	Method Blank	Total/NA	Solid	8021B	92116
MB 880-92255/5-A	Method Blank	Total/NA	Solid	8021B	92255
LCS 880-92255/1-A	Lab Control Sample	Total/NA	Solid	8021B	92255
LCSD 880-92255/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92255
885-12721-2 MS	BH24-01 2'	Total/NA	Solid	8021B	92255
885-12721-2 MSD	BH24-01 2'	Total/NA	Solid	8021B	92255

Analysis Batch: 92217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-66	BH24-23 0'	Total/NA	Solid	8021B	92247
885-12721-67	BH24-23 2'	Total/NA	Solid	8021B	92247
885-12721-76	BH24-26 2'	Total/NA	Solid	8021B	92247
885-12721-80	BH24-27 4'	Total/NA	Solid	8021B	92247
885-12721-86	BH24-29 4'	Total/NA	Solid	8021B	92247
885-12721-90	BH24-31 0'	Total/NA	Solid	8021B	92247
885-12721-92	BH24-31 4'	Total/NA	Solid	8021B	92247
885-12721-94	BH24-32 2'	Total/NA	Solid	8021B	92247
MB 880-92237/5-A	Method Blank	Total/NA	Solid	8021B	92237
MB 880-92247/5-A	Method Blank	Total/NA	Solid	8021B	92247
LCS 880-92247/1-A	Lab Control Sample	Total/NA	Solid	8021B	92247
LCSD 880-92247/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92247

Prep Batch: 92237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-92237/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

GC VOA

Prep Batch: 92247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-66	BH24-23 0'	Total/NA	Solid	5035	
885-12721-67	BH24-23 2'	Total/NA	Solid	5035	
885-12721-76	BH24-26 2'	Total/NA	Solid	5035	
885-12721-80	BH24-27 4'	Total/NA	Solid	5035	
885-12721-86	BH24-29 4'	Total/NA	Solid	5035	
885-12721-90	BH24-31 0'	Total/NA	Solid	5035	
885-12721-92	BH24-31 4'	Total/NA	Solid	5035	
885-12721-94	BH24-32 2'	Total/NA	Solid	5035	
MB 880-92247/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92247/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92247/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 92255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-2	BH24-01 2'	Total/NA	Solid	5035	
885-12721-9	BH24-03 4'	Total/NA	Solid	5035	
885-12721-11	BH24-04 2'	Total/NA	Solid	5035	
885-12721-13	BH24-05 0'	Total/NA	Solid	5035	
885-12721-17	BH24-06 2'	Total/NA	Solid	5035	
885-12721-18	BH24-06 4'	Total/NA	Solid	5035	
885-12721-22	BH24-08 0'	Total/NA	Solid	5035	
885-12721-29	BH24-10 2'	Total/NA	Solid	5035	
885-12721-33	BH24-11 4'	Total/NA	Solid	5035	
885-12721-36	BH24-12 4'	Total/NA	Solid	5035	
885-12721-37	BH24-13 0'	Total/NA	Solid	5035	
885-12721-40	BH24-14 0'	Total/NA	Solid	5035	
885-12721-42	BH24-15 0'	Total/NA	Solid	5035	
885-12721-54	BH24-19 0'	Total/NA	Solid	5035	
885-12721-55	BH24-19 2'	Total/NA	Solid	5035	
885-12721-56	BH24-19 4'	Total/NA	Solid	5035	
885-12721-59	BH24-20 4'	Total/NA	Solid	5035	
885-12721-62	BH24-21 4'	Total/NA	Solid	5035	
885-12721-63	BH24-22 0'	Total/NA	Solid	5035	
885-12721-64	BH24-22 2'	Total/NA	Solid	5035	
MB 880-92255/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92255/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92255/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
885-12721-2 MS	BH24-01 2'	Total/NA	Solid	5035	
885-12721-2 MSD	BH24-01 2'	Total/NA	Solid	5035	

Analysis Batch: 92317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-1	BH24-01 0'	Total/NA	Solid	8021B	92343
885-12721-3	BH24-01 4'	Total/NA	Solid	8021B	92343
885-12721-4	BH24-02 0'	Total/NA	Solid	8021B	92343
885-12721-5	BH24-02 2'	Total/NA	Solid	8021B	92343
885-12721-6	BH24-02 4'	Total/NA	Solid	8021B	92343
885-12721-7	BH24-03 0'	Total/NA	Solid	8021B	92343
885-12721-8	BH24-03 2'	Total/NA	Solid	8021B	92343
885-12721-10	BH24-04 0'	Total/NA	Solid	8021B	92343
885-12721-12	BH24-04 4'	Total/NA	Solid	8021B	92343

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

GC VOA (Continued)

Analysis Batch: 92317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-14	BH24-05 2'	Total/NA	Solid	8021B	92343
885-12721-15	BH24-05 4'	Total/NA	Solid	8021B	92343
885-12721-16	BH24-06 0'	Total/NA	Solid	8021B	92343
885-12721-19	BH24-07 0'	Total/NA	Solid	8021B	92343
885-12721-20	BH24-07 2'	Total/NA	Solid	8021B	92343
885-12721-21	BH24-07 4'	Total/NA	Solid	8021B	92343
885-12721-23	BH24-08 2'	Total/NA	Solid	8021B	92343
885-12721-24	BH24-08 4'	Total/NA	Solid	8021B	92343
885-12721-25	BH24-09 0'	Total/NA	Solid	8021B	92343
885-12721-26	BH24-09 2'	Total/NA	Solid	8021B	92343
885-12721-27	BH24-09 4'	Total/NA	Solid	8021B	92343
MB 880-92321/5-A	Method Blank	Total/NA	Solid	8021B	92321
MB 880-92343/5-A	Method Blank	Total/NA	Solid	8021B	92343
LCS 880-92343/1-A	Lab Control Sample	Total/NA	Solid	8021B	92343
LCSD 880-92343/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92343
885-12721-1 MS	BH24-01 0'	Total/NA	Solid	8021B	92343
885-12721-1 MSD	BH24-01 0'	Total/NA	Solid	8021B	92343

Analysis Batch: 92318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-52	BH24-18 2'	Total/NA	Solid	8021B	92350
885-12721-53	BH24-18 4'	Total/NA	Solid	8021B	92350
885-12721-57	BH24-20 0'	Total/NA	Solid	8021B	92350
885-12721-58	BH24-20 2'	Total/NA	Solid	8021B	92350
885-12721-60	BH24-21 0'	Total/NA	Solid	8021B	92350
885-12721-61	BH24-21 2'	Total/NA	Solid	8021B	92350
885-12721-65	BH24-22 4'	Total/NA	Solid	8021B	92350
885-12721-68	BH24-23 4'	Total/NA	Solid	8021B	92350
885-12721-69	BH24-24 0'	Total/NA	Solid	8021B	92350
885-12721-70	BH24-24 2'	Total/NA	Solid	8021B	92350
885-12721-71	BH24-24 4'	Total/NA	Solid	8021B	92350
885-12721-72	BH24-25 0'	Total/NA	Solid	8021B	92350
885-12721-73	BH24-25 2'	Total/NA	Solid	8021B	92350
885-12721-74	BH24-25 4'	Total/NA	Solid	8021B	92350
885-12721-75	BH24-26 0'	Total/NA	Solid	8021B	92350
885-12721-77	BH24-26 4'	Total/NA	Solid	8021B	92350
885-12721-78	BH24-27 0'	Total/NA	Solid	8021B	92350
885-12721-79	BH24-27 2'	Total/NA	Solid	8021B	92350
885-12721-81	BH24-28 0'	Total/NA	Solid	8021B	92350
885-12721-82	BH24-28 2'	Total/NA	Solid	8021B	92350
885-12721-97	BH24-33 2'	Total/NA	Solid	8021B	92406
885-12721-98	BH24-33 4'	Total/NA	Solid	8021B	92406
885-12721-99	BH24-34 0'	Total/NA	Solid	8021B	92406
885-12721-100	BH24-34 2'	Total/NA	Solid	8021B	92406
885-12721-101	BH24-34 4'	Total/NA	Solid	8021B	92406
MB 880-92320/5-A	Method Blank	Total/NA	Solid	8021B	92320
MB 880-92350/5-A	Method Blank	Total/NA	Solid	8021B	92350
MB 880-92406/5-A	Method Blank	Total/NA	Solid	8021B	92406
LCS 880-92350/1-A	Lab Control Sample	Total/NA	Solid	8021B	92350
LCS 880-92406/1-A	Lab Control Sample	Total/NA	Solid	8021B	92406
LCSD 880-92350/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92350

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

GC VOA (Continued)

Analysis Batch: 92318 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-92406/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92406
885-12721-52 MS	BH24-18 2'	Total/NA	Solid	8021B	92350
885-12721-52 MSD	BH24-18 2'	Total/NA	Solid	8021B	92350
885-12721-97 MS	BH24-33 2'	Total/NA	Solid	8021B	92406
885-12721-97 MSD	BH24-33 2'	Total/NA	Solid	8021B	92406

Prep Batch: 92320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-92320/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 92321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-92321/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 92326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-83	BH24-28 4'	Total/NA	Solid	8021B	92351
885-12721-84	BH24-29 0'	Total/NA	Solid	8021B	92351
885-12721-85	BH24-29 2'	Total/NA	Solid	8021B	92351
885-12721-87	BH24-30 0'	Total/NA	Solid	8021B	92351
885-12721-88	BH24-30 2'	Total/NA	Solid	8021B	92351
885-12721-89	BH24-30 4'	Total/NA	Solid	8021B	92351
885-12721-91	BH24-31 2'	Total/NA	Solid	8021B	92351
885-12721-93	BH24-32 0'	Total/NA	Solid	8021B	92351
885-12721-95	BH24-32 4'	Total/NA	Solid	8021B	92351
885-12721-96	BH24-33 0'	Total/NA	Solid	8021B	92351
MB 880-92351/5-A	Method Blank	Total/NA	Solid	8021B	92351
LCS 880-92351/1-A	Lab Control Sample	Total/NA	Solid	8021B	92351
LCSD 880-92351/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92351
885-12721-83 MS	BH24-28 4'	Total/NA	Solid	8021B	92351
885-12721-83 MSD	BH24-28 4'	Total/NA	Solid	8021B	92351

Prep Batch: 92343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-1	BH24-01 0'	Total/NA	Solid	5035	
885-12721-3	BH24-01 4'	Total/NA	Solid	5035	
885-12721-4	BH24-02 0'	Total/NA	Solid	5035	
885-12721-5	BH24-02 2'	Total/NA	Solid	5035	
885-12721-6	BH24-02 4'	Total/NA	Solid	5035	
885-12721-7	BH24-03 0'	Total/NA	Solid	5035	
885-12721-8	BH24-03 2'	Total/NA	Solid	5035	
885-12721-10	BH24-04 0'	Total/NA	Solid	5035	
885-12721-12	BH24-04 4'	Total/NA	Solid	5035	
885-12721-14	BH24-05 2'	Total/NA	Solid	5035	
885-12721-15	BH24-05 4'	Total/NA	Solid	5035	
885-12721-16	BH24-06 0'	Total/NA	Solid	5035	
885-12721-19	BH24-07 0'	Total/NA	Solid	5035	
885-12721-20	BH24-07 2'	Total/NA	Solid	5035	
885-12721-21	BH24-07 4'	Total/NA	Solid	5035	
885-12721-23	BH24-08 2'	Total/NA	Solid	5035	
885-12721-24	BH24-08 4'	Total/NA	Solid	5035	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

GC VOA (Continued)

Prep Batch: 92343 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-25	BH24-09 0'	Total/NA	Solid	5035	
885-12721-26	BH24-09 2'	Total/NA	Solid	5035	
885-12721-27	BH24-09 4'	Total/NA	Solid	5035	
MB 880-92343/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92343/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92343/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
885-12721-1 MS	BH24-01 0'	Total/NA	Solid	5035	
885-12721-1 MSD	BH24-01 0'	Total/NA	Solid	5035	

Prep Batch: 92348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-28	BH24-10 0'	Total/NA	Solid	5035	
885-12721-30	BH24-10 4'	Total/NA	Solid	5035	
885-12721-31	BH24-11 0'	Total/NA	Solid	5035	
885-12721-32	BH24-11 2'	Total/NA	Solid	5035	
885-12721-34	BH24-12 0'	Total/NA	Solid	5035	
885-12721-35	BH24-12 2'	Total/NA	Solid	5035	
885-12721-38	BH24-13 2'	Total/NA	Solid	5035	
885-12721-39	BH24-13 4'	Total/NA	Solid	5035	
MB 880-92348/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92348/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92348/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 92350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-52	BH24-18 2'	Total/NA	Solid	5035	
885-12721-53	BH24-18 4'	Total/NA	Solid	5035	
885-12721-57	BH24-20 0'	Total/NA	Solid	5035	
885-12721-58	BH24-20 2'	Total/NA	Solid	5035	
885-12721-60	BH24-21 0'	Total/NA	Solid	5035	
885-12721-61	BH24-21 2'	Total/NA	Solid	5035	
885-12721-65	BH24-22 4'	Total/NA	Solid	5035	
885-12721-68	BH24-23 4'	Total/NA	Solid	5035	
885-12721-69	BH24-24 0'	Total/NA	Solid	5035	
885-12721-70	BH24-24 2'	Total/NA	Solid	5035	
885-12721-71	BH24-24 4'	Total/NA	Solid	5035	
885-12721-72	BH24-25 0'	Total/NA	Solid	5035	
885-12721-73	BH24-25 2'	Total/NA	Solid	5035	
885-12721-74	BH24-25 4'	Total/NA	Solid	5035	
885-12721-75	BH24-26 0'	Total/NA	Solid	5035	
885-12721-77	BH24-26 4'	Total/NA	Solid	5035	
885-12721-78	BH24-27 0'	Total/NA	Solid	5035	
885-12721-79	BH24-27 2'	Total/NA	Solid	5035	
885-12721-81	BH24-28 0'	Total/NA	Solid	5035	
885-12721-82	BH24-28 2'	Total/NA	Solid	5035	
MB 880-92350/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92350/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92350/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
885-12721-52 MS	BH24-18 2'	Total/NA	Solid	5035	
885-12721-52 MSD	BH24-18 2'	Total/NA	Solid	5035	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

GC VOA

Prep Batch: 92351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-83	BH24-28 4'	Total/NA	Solid	5035	
885-12721-84	BH24-29 0'	Total/NA	Solid	5035	
885-12721-85	BH24-29 2'	Total/NA	Solid	5035	
885-12721-87	BH24-30 0'	Total/NA	Solid	5035	
885-12721-88	BH24-30 2'	Total/NA	Solid	5035	
885-12721-89	BH24-30 4'	Total/NA	Solid	5035	
885-12721-91	BH24-31 2'	Total/NA	Solid	5035	
885-12721-93	BH24-32 0'	Total/NA	Solid	5035	
885-12721-95	BH24-32 4'	Total/NA	Solid	5035	
885-12721-96	BH24-33 0'	Total/NA	Solid	5035	
MB 880-92351/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92351/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92351/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
885-12721-83 MS	BH24-28 4'	Total/NA	Solid	5035	
885-12721-83 MSD	BH24-28 4'	Total/NA	Solid	5035	

Prep Batch: 92406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-97	BH24-33 2'	Total/NA	Solid	5035	
885-12721-98	BH24-33 4'	Total/NA	Solid	5035	
885-12721-99	BH24-34 0'	Total/NA	Solid	5035	
885-12721-100	BH24-34 2'	Total/NA	Solid	5035	
885-12721-101	BH24-34 4'	Total/NA	Solid	5035	
MB 880-92406/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92406/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92406/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
885-12721-97 MS	BH24-33 2'	Total/NA	Solid	5035	
885-12721-97 MSD	BH24-33 2'	Total/NA	Solid	5035	

Analysis Batch: 92439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-28	BH24-10 0'	Total/NA	Solid	8021B	92348
885-12721-30	BH24-10 4'	Total/NA	Solid	8021B	92348
885-12721-31	BH24-11 0'	Total/NA	Solid	8021B	92348
885-12721-32	BH24-11 2'	Total/NA	Solid	8021B	92348
885-12721-34	BH24-12 0'	Total/NA	Solid	8021B	92348
885-12721-35	BH24-12 2'	Total/NA	Solid	8021B	92348
885-12721-38	BH24-13 2'	Total/NA	Solid	8021B	92348
885-12721-39	BH24-13 4'	Total/NA	Solid	8021B	92348
MB 880-92348/5-A	Method Blank	Total/NA	Solid	8021B	92348
LCS 880-92348/1-A	Lab Control Sample	Total/NA	Solid	8021B	92348
LCSD 880-92348/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92348

Analysis Batch: 92440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-41	BH24-14 2'	Total/NA	Solid	8021B	92441
885-12721-43	BH24-15 2'	Total/NA	Solid	8021B	92441
885-12721-44	BH24-15 4'	Total/NA	Solid	8021B	92441
885-12721-45	BH24-16 0'	Total/NA	Solid	8021B	92441
885-12721-46	BH24-16 2'	Total/NA	Solid	8021B	92441
885-12721-47	BH24-16 4'	Total/NA	Solid	8021B	92441

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

GC VOA (Continued)

Analysis Batch: 92440 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-48	BH24-17 0'	Total/NA	Solid	8021B	92441
885-12721-49	BH24-17 2'	Total/NA	Solid	8021B	92441
885-12721-50	BH24-17 4'	Total/NA	Solid	8021B	92441
885-12721-51	BH24-18 0'	Total/NA	Solid	8021B	92441
MB 880-92441/5-A	Method Blank	Total/NA	Solid	8021B	92441
LCS 880-92441/1-A	Lab Control Sample	Total/NA	Solid	8021B	92441
LCSD 880-92441/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92441
885-12721-41 MS	BH24-14 2'	Total/NA	Solid	8021B	92441
885-12721-41 MSD	BH24-14 2'	Total/NA	Solid	8021B	92441

Prep Batch: 92441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-41	BH24-14 2'	Total/NA	Solid	5035	
885-12721-43	BH24-15 2'	Total/NA	Solid	5035	
885-12721-44	BH24-15 4'	Total/NA	Solid	5035	
885-12721-45	BH24-16 0'	Total/NA	Solid	5035	
885-12721-46	BH24-16 2'	Total/NA	Solid	5035	
885-12721-47	BH24-16 4'	Total/NA	Solid	5035	
885-12721-48	BH24-17 0'	Total/NA	Solid	5035	
885-12721-49	BH24-17 2'	Total/NA	Solid	5035	
885-12721-50	BH24-17 4'	Total/NA	Solid	5035	
885-12721-51	BH24-18 0'	Total/NA	Solid	5035	
MB 880-92441/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92441/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92441/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
885-12721-41 MS	BH24-14 2'	Total/NA	Solid	5035	
885-12721-41 MSD	BH24-14 2'	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 92048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-2	BH24-01 2'	Total/NA	Solid	8015NM Prep	
885-12721-9	BH24-03 4'	Total/NA	Solid	8015NM Prep	
885-12721-11	BH24-04 2'	Total/NA	Solid	8015NM Prep	
885-12721-13	BH24-05 0'	Total/NA	Solid	8015NM Prep	
885-12721-17	BH24-06 2'	Total/NA	Solid	8015NM Prep	
885-12721-18	BH24-06 4'	Total/NA	Solid	8015NM Prep	
885-12721-22	BH24-08 0'	Total/NA	Solid	8015NM Prep	
885-12721-29	BH24-10 2'	Total/NA	Solid	8015NM Prep	
885-12721-33	BH24-11 4'	Total/NA	Solid	8015NM Prep	
MB 880-92048/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92048/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92048/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 92130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-36	BH24-12 4'	Total/NA	Solid	8015NM Prep	
885-12721-37	BH24-13 0'	Total/NA	Solid	8015NM Prep	
885-12721-40	BH24-14 0'	Total/NA	Solid	8015NM Prep	
885-12721-42	BH24-15 0'	Total/NA	Solid	8015NM Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

GC Semi VOA (Continued)

Prep Batch: 92130 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-54	BH24-19 0'	Total/NA	Solid	8015NM Prep	
885-12721-55	BH24-19 2'	Total/NA	Solid	8015NM Prep	
885-12721-56	BH24-19 4'	Total/NA	Solid	8015NM Prep	
885-12721-59	BH24-20 4'	Total/NA	Solid	8015NM Prep	
885-12721-62	BH24-21 4'	Total/NA	Solid	8015NM Prep	
885-12721-63	BH24-22 0'	Total/NA	Solid	8015NM Prep	
885-12721-64	BH24-22 2'	Total/NA	Solid	8015NM Prep	
885-12721-66	BH24-23 0'	Total/NA	Solid	8015NM Prep	
885-12721-67	BH24-23 2'	Total/NA	Solid	8015NM Prep	
885-12721-76	BH24-26 2'	Total/NA	Solid	8015NM Prep	
885-12721-80	BH24-27 4'	Total/NA	Solid	8015NM Prep	
885-12721-86	BH24-29 4'	Total/NA	Solid	8015NM Prep	
885-12721-90	BH24-31 0'	Total/NA	Solid	8015NM Prep	
885-12721-92	BH24-31 4'	Total/NA	Solid	8015NM Prep	
885-12721-94	BH24-32 2'	Total/NA	Solid	8015NM Prep	
885-12721-98	BH24-33 4'	Total/NA	Solid	8015NM Prep	
MB 880-92130/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92130/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-92130/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-12721-36 MS	BH24-12 4'	Total/NA	Solid	8015NM Prep	
885-12721-36 MSD	BH24-12 4'	Total/NA	Solid	8015NM Prep	

Prep Batch: 92131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-99	BH24-34 0'	Total/NA	Solid	8015NM Prep	
885-12721-100	BH24-34 2'	Total/NA	Solid	8015NM Prep	
MB 880-92131/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92131/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-92131/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-12721-99 MS	BH24-34 0'	Total/NA	Solid	8015NM Prep	
885-12721-99 MSD	BH24-34 0'	Total/NA	Solid	8015NM Prep	

Prep Batch: 92139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-1	BH24-01 0'	Total/NA	Solid	8015NM Prep	
885-12721-3	BH24-01 4'	Total/NA	Solid	8015NM Prep	
885-12721-4	BH24-02 0'	Total/NA	Solid	8015NM Prep	
885-12721-5	BH24-02 2'	Total/NA	Solid	8015NM Prep	
885-12721-6	BH24-02 4'	Total/NA	Solid	8015NM Prep	
885-12721-7	BH24-03 0'	Total/NA	Solid	8015NM Prep	
885-12721-8	BH24-03 2'	Total/NA	Solid	8015NM Prep	
885-12721-10	BH24-04 0'	Total/NA	Solid	8015NM Prep	
885-12721-12	BH24-04 4'	Total/NA	Solid	8015NM Prep	
885-12721-14	BH24-05 2'	Total/NA	Solid	8015NM Prep	
885-12721-15	BH24-05 4'	Total/NA	Solid	8015NM Prep	
885-12721-16	BH24-06 0'	Total/NA	Solid	8015NM Prep	
885-12721-19	BH24-07 0'	Total/NA	Solid	8015NM Prep	
885-12721-20	BH24-07 2'	Total/NA	Solid	8015NM Prep	
885-12721-21	BH24-07 4'	Total/NA	Solid	8015NM Prep	
885-12721-23	BH24-08 2'	Total/NA	Solid	8015NM Prep	
885-12721-24	BH24-08 4'	Total/NA	Solid	8015NM Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-12721-1

Project/Site: Sand Point Reclamation Facility

GC Semi VOA (Continued)

Prep Batch: 92139 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-25	BH24-09 0'	Total/NA	Solid	8015NM Prep	
885-12721-26	BH24-09 2'	Total/NA	Solid	8015NM Prep	
885-12721-27	BH24-09 4'	Total/NA	Solid	8015NM Prep	
MB 880-92139/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92139/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92139/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-12721-1 MS	BH24-01 0'	Total/NA	Solid	8015NM Prep	
885-12721-1 MSD	BH24-01 0'	Total/NA	Solid	8015NM Prep	

Prep Batch: 92169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-28	BH24-10 0'	Total/NA	Solid	8015NM Prep	
885-12721-30	BH24-10 4'	Total/NA	Solid	8015NM Prep	
885-12721-31	BH24-11 0'	Total/NA	Solid	8015NM Prep	
885-12721-32	BH24-11 2'	Total/NA	Solid	8015NM Prep	
885-12721-34	BH24-12 0'	Total/NA	Solid	8015NM Prep	
885-12721-35	BH24-12 2'	Total/NA	Solid	8015NM Prep	
885-12721-38	BH24-13 2'	Total/NA	Solid	8015NM Prep	
885-12721-39	BH24-13 4'	Total/NA	Solid	8015NM Prep	
885-12721-41	BH24-14 2'	Total/NA	Solid	8015NM Prep	
885-12721-43	BH24-15 2'	Total/NA	Solid	8015NM Prep	
885-12721-44	BH24-15 4'	Total/NA	Solid	8015NM Prep	
885-12721-45	BH24-16 0'	Total/NA	Solid	8015NM Prep	
885-12721-46	BH24-16 2'	Total/NA	Solid	8015NM Prep	
885-12721-47	BH24-16 4'	Total/NA	Solid	8015NM Prep	
885-12721-48	BH24-17 0'	Total/NA	Solid	8015NM Prep	
885-12721-49	BH24-17 2'	Total/NA	Solid	8015NM Prep	
885-12721-50	BH24-17 4'	Total/NA	Solid	8015NM Prep	
885-12721-51	BH24-18 0'	Total/NA	Solid	8015NM Prep	
885-12721-52	BH24-18 2'	Total/NA	Solid	8015NM Prep	
885-12721-53	BH24-18 4'	Total/NA	Solid	8015NM Prep	
MB 880-92169/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92169/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92169/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-12721-28 MS	BH24-10 0'	Total/NA	Solid	8015NM Prep	
885-12721-28 MSD	BH24-10 0'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 92175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-2	BH24-01 2'	Total/NA	Solid	8015B NM	92048
885-12721-9	BH24-03 4'	Total/NA	Solid	8015B NM	92048
885-12721-11	BH24-04 2'	Total/NA	Solid	8015B NM	92048
885-12721-13	BH24-05 0'	Total/NA	Solid	8015B NM	92048
885-12721-17	BH24-06 2'	Total/NA	Solid	8015B NM	92048
885-12721-18	BH24-06 4'	Total/NA	Solid	8015B NM	92048
885-12721-22	BH24-08 0'	Total/NA	Solid	8015B NM	92048
885-12721-29	BH24-10 2'	Total/NA	Solid	8015B NM	92048
885-12721-33	BH24-11 4'	Total/NA	Solid	8015B NM	92048
MB 880-92048/1-A	Method Blank	Total/NA	Solid	8015B NM	92048
LCS 880-92048/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92048
LCSD 880-92048/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92048

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-12721-1

Project/Site: Sand Point Reclamation Facility

GC Semi VOA

Analysis Batch: 92279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-99	BH24-34 0'	Total/NA	Solid	8015B NM	92131
885-12721-100	BH24-34 2'	Total/NA	Solid	8015B NM	92131
MB 880-92131/1-A	Method Blank	Total/NA	Solid	8015B NM	92131
LCS 880-92131/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92131
LCSD 880-92131/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92131
885-12721-99 MS	BH24-34 0'	Total/NA	Solid	8015B NM	92131
885-12721-99 MSD	BH24-34 0'	Total/NA	Solid	8015B NM	92131

Analysis Batch: 92281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-36	BH24-12 4'	Total/NA	Solid	8015B NM	92130
885-12721-37	BH24-13 0'	Total/NA	Solid	8015B NM	92130
885-12721-40	BH24-14 0'	Total/NA	Solid	8015B NM	92130
885-12721-42	BH24-15 0'	Total/NA	Solid	8015B NM	92130
885-12721-54	BH24-19 0'	Total/NA	Solid	8015B NM	92130
885-12721-55	BH24-19 2'	Total/NA	Solid	8015B NM	92130
885-12721-56	BH24-19 4'	Total/NA	Solid	8015B NM	92130
885-12721-59	BH24-20 4'	Total/NA	Solid	8015B NM	92130
885-12721-62	BH24-21 4'	Total/NA	Solid	8015B NM	92130
885-12721-63	BH24-22 0'	Total/NA	Solid	8015B NM	92130
885-12721-64	BH24-22 2'	Total/NA	Solid	8015B NM	92130
885-12721-66	BH24-23 0'	Total/NA	Solid	8015B NM	92130
885-12721-67	BH24-23 2'	Total/NA	Solid	8015B NM	92130
885-12721-76	BH24-26 2'	Total/NA	Solid	8015B NM	92130
885-12721-80	BH24-27 4'	Total/NA	Solid	8015B NM	92130
885-12721-86	BH24-29 4'	Total/NA	Solid	8015B NM	92130
885-12721-90	BH24-31 0'	Total/NA	Solid	8015B NM	92130
885-12721-92	BH24-31 4'	Total/NA	Solid	8015B NM	92130
885-12721-94	BH24-32 2'	Total/NA	Solid	8015B NM	92130
885-12721-98	BH24-33 4'	Total/NA	Solid	8015B NM	92130
MB 880-92130/1-A	Method Blank	Total/NA	Solid	8015B NM	92130
LCS 880-92130/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92130
LCSD 880-92130/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92130
885-12721-36 MS	BH24-12 4'	Total/NA	Solid	8015B NM	92130
885-12721-36 MSD	BH24-12 4'	Total/NA	Solid	8015B NM	92130

Analysis Batch: 92333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-1	BH24-01 0'	Total/NA	Solid	8015B NM	92139
885-12721-3	BH24-01 4'	Total/NA	Solid	8015B NM	92139
885-12721-4	BH24-02 0'	Total/NA	Solid	8015B NM	92139
885-12721-5	BH24-02 2'	Total/NA	Solid	8015B NM	92139
885-12721-6	BH24-02 4'	Total/NA	Solid	8015B NM	92139
885-12721-7	BH24-03 0'	Total/NA	Solid	8015B NM	92139
885-12721-8	BH24-03 2'	Total/NA	Solid	8015B NM	92139
885-12721-10	BH24-04 0'	Total/NA	Solid	8015B NM	92139
885-12721-12	BH24-04 4'	Total/NA	Solid	8015B NM	92139
885-12721-14	BH24-05 2'	Total/NA	Solid	8015B NM	92139
885-12721-15	BH24-05 4'	Total/NA	Solid	8015B NM	92139
885-12721-16	BH24-06 0'	Total/NA	Solid	8015B NM	92139
885-12721-19	BH24-07 0'	Total/NA	Solid	8015B NM	92139

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

GC Semi VOA (Continued)

Analysis Batch: 92333 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-20	BH24-07 2'	Total/NA	Solid	8015B NM	92139
885-12721-21	BH24-07 4'	Total/NA	Solid	8015B NM	92139
885-12721-23	BH24-08 2'	Total/NA	Solid	8015B NM	92139
885-12721-24	BH24-08 4'	Total/NA	Solid	8015B NM	92139
885-12721-25	BH24-09 0'	Total/NA	Solid	8015B NM	92139
885-12721-26	BH24-09 2'	Total/NA	Solid	8015B NM	92139
885-12721-27	BH24-09 4'	Total/NA	Solid	8015B NM	92139
MB 880-92139/1-A	Method Blank	Total/NA	Solid	8015B NM	92139
LCS 880-92139/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92139
LCSD 880-92139/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92139
885-12721-1 MS	BH24-01 0'	Total/NA	Solid	8015B NM	92139
885-12721-1 MSD	BH24-01 0'	Total/NA	Solid	8015B NM	92139

Analysis Batch: 92335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-28	BH24-10 0'	Total/NA	Solid	8015B NM	92169
885-12721-30	BH24-10 4'	Total/NA	Solid	8015B NM	92169
885-12721-31	BH24-11 0'	Total/NA	Solid	8015B NM	92169
885-12721-32	BH24-11 2'	Total/NA	Solid	8015B NM	92169
885-12721-34	BH24-12 0'	Total/NA	Solid	8015B NM	92169
885-12721-35	BH24-12 2'	Total/NA	Solid	8015B NM	92169
885-12721-38	BH24-13 2'	Total/NA	Solid	8015B NM	92169
885-12721-39	BH24-13 4'	Total/NA	Solid	8015B NM	92169
885-12721-41	BH24-14 2'	Total/NA	Solid	8015B NM	92169
885-12721-43	BH24-15 2'	Total/NA	Solid	8015B NM	92169
885-12721-44	BH24-15 4'	Total/NA	Solid	8015B NM	92169
885-12721-45	BH24-16 0'	Total/NA	Solid	8015B NM	92169
885-12721-46	BH24-16 2'	Total/NA	Solid	8015B NM	92169
885-12721-47	BH24-16 4'	Total/NA	Solid	8015B NM	92169
885-12721-48	BH24-17 0'	Total/NA	Solid	8015B NM	92169
885-12721-49	BH24-17 2'	Total/NA	Solid	8015B NM	92169
885-12721-50	BH24-17 4'	Total/NA	Solid	8015B NM	92169
885-12721-51	BH24-18 0'	Total/NA	Solid	8015B NM	92169
885-12721-52	BH24-18 2'	Total/NA	Solid	8015B NM	92169
885-12721-53	BH24-18 4'	Total/NA	Solid	8015B NM	92169
MB 880-92169/1-A	Method Blank	Total/NA	Solid	8015B NM	92169
LCS 880-92169/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92169
LCSD 880-92169/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92169
885-12721-28 MS	BH24-10 0'	Total/NA	Solid	8015B NM	92169
885-12721-28 MSD	BH24-10 0'	Total/NA	Solid	8015B NM	92169

Analysis Batch: 92337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-57	BH24-20 0'	Total/NA	Solid	8015B NM	92344
885-12721-58	BH24-20 2'	Total/NA	Solid	8015B NM	92344
885-12721-60	BH24-21 0'	Total/NA	Solid	8015B NM	92344
885-12721-61	BH24-21 2'	Total/NA	Solid	8015B NM	92344
885-12721-65	BH24-22 4'	Total/NA	Solid	8015B NM	92344
885-12721-68	BH24-23 4'	Total/NA	Solid	8015B NM	92344
885-12721-69	BH24-24 0'	Total/NA	Solid	8015B NM	92344
885-12721-70	BH24-24 2'	Total/NA	Solid	8015B NM	92344

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-12721-1

Project/Site: Sand Point Reclamation Facility

GC Semi VOA (Continued)

Analysis Batch: 92337 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-71	BH24-24 4'	Total/NA	Solid	8015B NM	92344
885-12721-72	BH24-25 0'	Total/NA	Solid	8015B NM	92344
885-12721-73	BH24-25 2'	Total/NA	Solid	8015B NM	92344
885-12721-74	BH24-25 4'	Total/NA	Solid	8015B NM	92344
885-12721-75	BH24-26 0'	Total/NA	Solid	8015B NM	92344
885-12721-77	BH24-26 4'	Total/NA	Solid	8015B NM	92344
885-12721-78	BH24-27 0'	Total/NA	Solid	8015B NM	92344
885-12721-79	BH24-27 2'	Total/NA	Solid	8015B NM	92344
885-12721-81	BH24-28 0'	Total/NA	Solid	8015B NM	92344
885-12721-82	BH24-28 2'	Total/NA	Solid	8015B NM	92344
885-12721-83	BH24-28 4'	Total/NA	Solid	8015B NM	92344
885-12721-84	BH24-29 0'	Total/NA	Solid	8015B NM	92344
MB 880-92344/1-A	Method Blank	Total/NA	Solid	8015B NM	92344
LCS 880-92344/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92344
LCSD 880-92344/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92344
885-12721-57 MS	BH24-20 0'	Total/NA	Solid	8015B NM	92344
885-12721-57 MSD	BH24-20 0'	Total/NA	Solid	8015B NM	92344

Analysis Batch: 92339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-85	BH24-29 2'	Total/NA	Solid	8015B NM	92346
885-12721-87	BH24-30 0'	Total/NA	Solid	8015B NM	92346
885-12721-88	BH24-30 2'	Total/NA	Solid	8015B NM	92346
885-12721-89	BH24-30 4'	Total/NA	Solid	8015B NM	92346
885-12721-91	BH24-31 2'	Total/NA	Solid	8015B NM	92346
885-12721-93	BH24-32 0'	Total/NA	Solid	8015B NM	92346
885-12721-95	BH24-32 4'	Total/NA	Solid	8015B NM	92346
885-12721-96	BH24-33 0'	Total/NA	Solid	8015B NM	92346
885-12721-97	BH24-33 2'	Total/NA	Solid	8015B NM	92346
885-12721-101	BH24-34 4'	Total/NA	Solid	8015B NM	92346
MB 880-92346/1-A	Method Blank	Total/NA	Solid	8015B NM	92346
LCS 880-92346/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92346
LCSD 880-92346/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92346
885-12721-85 MS	BH24-29 2'	Total/NA	Solid	8015B NM	92346
885-12721-85 MSD	BH24-29 2'	Total/NA	Solid	8015B NM	92346

Prep Batch: 92344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-57	BH24-20 0'	Total/NA	Solid	8015NM Prep	
885-12721-58	BH24-20 2'	Total/NA	Solid	8015NM Prep	
885-12721-60	BH24-21 0'	Total/NA	Solid	8015NM Prep	
885-12721-61	BH24-21 2'	Total/NA	Solid	8015NM Prep	
885-12721-65	BH24-22 4'	Total/NA	Solid	8015NM Prep	
885-12721-68	BH24-23 4'	Total/NA	Solid	8015NM Prep	
885-12721-69	BH24-24 0'	Total/NA	Solid	8015NM Prep	
885-12721-70	BH24-24 2'	Total/NA	Solid	8015NM Prep	
885-12721-71	BH24-24 4'	Total/NA	Solid	8015NM Prep	
885-12721-72	BH24-25 0'	Total/NA	Solid	8015NM Prep	
885-12721-73	BH24-25 2'	Total/NA	Solid	8015NM Prep	
885-12721-74	BH24-25 4'	Total/NA	Solid	8015NM Prep	
885-12721-75	BH24-26 0'	Total/NA	Solid	8015NM Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-12721-1

Project/Site: Sand Point Reclamation Facility

GC Semi VOA (Continued)

Prep Batch: 92344 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-77	BH24-26 4'	Total/NA	Solid	8015NM Prep	
885-12721-78	BH24-27 0'	Total/NA	Solid	8015NM Prep	
885-12721-79	BH24-27 2'	Total/NA	Solid	8015NM Prep	
885-12721-81	BH24-28 0'	Total/NA	Solid	8015NM Prep	
885-12721-82	BH24-28 2'	Total/NA	Solid	8015NM Prep	
885-12721-83	BH24-28 4'	Total/NA	Solid	8015NM Prep	
885-12721-84	BH24-29 0'	Total/NA	Solid	8015NM Prep	
MB 880-92344/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92344/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92344/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-12721-57 MS	BH24-20 0'	Total/NA	Solid	8015NM Prep	
885-12721-57 MSD	BH24-20 0'	Total/NA	Solid	8015NM Prep	

Prep Batch: 92346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-85	BH24-29 2'	Total/NA	Solid	8015NM Prep	
885-12721-87	BH24-30 0'	Total/NA	Solid	8015NM Prep	
885-12721-88	BH24-30 2'	Total/NA	Solid	8015NM Prep	
885-12721-89	BH24-30 4'	Total/NA	Solid	8015NM Prep	
885-12721-91	BH24-31 2'	Total/NA	Solid	8015NM Prep	
885-12721-93	BH24-32 0'	Total/NA	Solid	8015NM Prep	
885-12721-95	BH24-32 4'	Total/NA	Solid	8015NM Prep	
885-12721-96	BH24-33 0'	Total/NA	Solid	8015NM Prep	
885-12721-97	BH24-33 2'	Total/NA	Solid	8015NM Prep	
885-12721-101	BH24-34 4'	Total/NA	Solid	8015NM Prep	
MB 880-92346/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92346/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92346/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-12721-85 MS	BH24-29 2'	Total/NA	Solid	8015NM Prep	
885-12721-85 MSD	BH24-29 2'	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 91974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-2	BH24-01 2'	Soluble	Solid	DI Leach	
885-12721-9	BH24-03 4'	Soluble	Solid	DI Leach	
885-12721-11	BH24-04 2'	Soluble	Solid	DI Leach	
885-12721-13	BH24-05 0'	Soluble	Solid	DI Leach	
885-12721-17	BH24-06 2'	Soluble	Solid	DI Leach	
885-12721-18	BH24-06 4'	Soluble	Solid	DI Leach	
885-12721-22	BH24-08 0'	Soluble	Solid	DI Leach	
885-12721-29	BH24-10 2'	Soluble	Solid	DI Leach	
885-12721-33	BH24-11 4'	Soluble	Solid	DI Leach	
885-12721-36	BH24-12 4'	Soluble	Solid	DI Leach	
885-12721-37	BH24-13 0'	Soluble	Solid	DI Leach	
885-12721-40	BH24-14 0'	Soluble	Solid	DI Leach	
885-12721-42	BH24-15 0'	Soluble	Solid	DI Leach	
885-12721-54	BH24-19 0'	Soluble	Solid	DI Leach	
885-12721-55	BH24-19 2'	Soluble	Solid	DI Leach	
885-12721-56	BH24-19 4'	Soluble	Solid	DI Leach	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

HPLC/IC (Continued)

Leach Batch: 91974 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-59	BH24-20 4'	Soluble	Solid	DI Leach	
885-12721-62	BH24-21 4'	Soluble	Solid	DI Leach	
885-12721-63	BH24-22 0'	Soluble	Solid	DI Leach	
885-12721-64	BH24-22 2'	Soluble	Solid	DI Leach	
MB 880-91974/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91974/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91974/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-12721-2 MS	BH24-01 2'	Soluble	Solid	DI Leach	
885-12721-2 MSD	BH24-01 2'	Soluble	Solid	DI Leach	
885-12721-37 MS	BH24-13 0'	Soluble	Solid	DI Leach	
885-12721-37 MSD	BH24-13 0'	Soluble	Solid	DI Leach	

Leach Batch: 91975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-66	BH24-23 0'	Soluble	Solid	DI Leach	
885-12721-67	BH24-23 2'	Soluble	Solid	DI Leach	
885-12721-76	BH24-26 2'	Soluble	Solid	DI Leach	
885-12721-80	BH24-27 4'	Soluble	Solid	DI Leach	
885-12721-86	BH24-29 4'	Soluble	Solid	DI Leach	
885-12721-90	BH24-31 0'	Soluble	Solid	DI Leach	
885-12721-92	BH24-31 4'	Soluble	Solid	DI Leach	
885-12721-94	BH24-32 2'	Soluble	Solid	DI Leach	
885-12721-98	BH24-33 4'	Soluble	Solid	DI Leach	
885-12721-99	BH24-34 0'	Soluble	Solid	DI Leach	
885-12721-100	BH24-34 2'	Soluble	Solid	DI Leach	
MB 880-91975/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91975/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91975/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-12721-66 MS	BH24-23 0'	Soluble	Solid	DI Leach	
885-12721-66 MSD	BH24-23 0'	Soluble	Solid	DI Leach	
885-12721-100 MS	BH24-34 2'	Soluble	Solid	DI Leach	
885-12721-100 MSD	BH24-34 2'	Soluble	Solid	DI Leach	

Leach Batch: 91976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-1	BH24-01 0'	Soluble	Solid	DI Leach	
885-12721-3	BH24-01 4'	Soluble	Solid	DI Leach	
885-12721-4	BH24-02 0'	Soluble	Solid	DI Leach	
885-12721-5	BH24-02 2'	Soluble	Solid	DI Leach	
885-12721-6	BH24-02 4'	Soluble	Solid	DI Leach	
885-12721-7	BH24-03 0'	Soluble	Solid	DI Leach	
885-12721-8	BH24-03 2'	Soluble	Solid	DI Leach	
885-12721-10	BH24-04 0'	Soluble	Solid	DI Leach	
885-12721-12	BH24-04 4'	Soluble	Solid	DI Leach	
885-12721-14	BH24-05 2'	Soluble	Solid	DI Leach	
885-12721-15	BH24-05 4'	Soluble	Solid	DI Leach	
885-12721-16	BH24-06 0'	Soluble	Solid	DI Leach	
885-12721-19	BH24-07 0'	Soluble	Solid	DI Leach	
885-12721-20	BH24-07 2'	Soluble	Solid	DI Leach	
885-12721-21	BH24-07 4'	Soluble	Solid	DI Leach	
885-12721-23	BH24-08 2'	Soluble	Solid	DI Leach	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

HPLC/IC (Continued)

Leach Batch: 91976 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-24	BH24-08 4'	Soluble	Solid	DI Leach	
885-12721-25	BH24-09 0'	Soluble	Solid	DI Leach	
885-12721-26	BH24-09 2'	Soluble	Solid	DI Leach	
885-12721-27	BH24-09 4'	Soluble	Solid	DI Leach	
MB 880-91976/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91976/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91976/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-12721-1 MS	BH24-01 0'	Soluble	Solid	DI Leach	
885-12721-1 MSD	BH24-01 0'	Soluble	Solid	DI Leach	
885-12721-15 MS	BH24-05 4'	Soluble	Solid	DI Leach	
885-12721-15 MSD	BH24-05 4'	Soluble	Solid	DI Leach	

Leach Batch: 91977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-28	BH24-10 0'	Soluble	Solid	DI Leach	
885-12721-30	BH24-10 4'	Soluble	Solid	DI Leach	
885-12721-31	BH24-11 0'	Soluble	Solid	DI Leach	
885-12721-32	BH24-11 2'	Soluble	Solid	DI Leach	
885-12721-34	BH24-12 0'	Soluble	Solid	DI Leach	
885-12721-35	BH24-12 2'	Soluble	Solid	DI Leach	
885-12721-38	BH24-13 2'	Soluble	Solid	DI Leach	
885-12721-53	BH24-18 4'	Soluble	Solid	DI Leach	
885-12721-57	BH24-20 0'	Soluble	Solid	DI Leach	
885-12721-58	BH24-20 2'	Soluble	Solid	DI Leach	
885-12721-60	BH24-21 0'	Soluble	Solid	DI Leach	
885-12721-83	BH24-28 4'	Soluble	Solid	DI Leach	
885-12721-84	BH24-29 0'	Soluble	Solid	DI Leach	
885-12721-85	BH24-29 2'	Soluble	Solid	DI Leach	
885-12721-87	BH24-30 0'	Soluble	Solid	DI Leach	
885-12721-88	BH24-30 2'	Soluble	Solid	DI Leach	
885-12721-89	BH24-30 4'	Soluble	Solid	DI Leach	
885-12721-91	BH24-31 2'	Soluble	Solid	DI Leach	
885-12721-93	BH24-32 0'	Soluble	Solid	DI Leach	
885-12721-95	BH24-32 4'	Soluble	Solid	DI Leach	
MB 880-91977/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91977/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91977/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-12721-28 MS	BH24-10 0'	Soluble	Solid	DI Leach	
885-12721-28 MSD	BH24-10 0'	Soluble	Solid	DI Leach	
885-12721-60 MS	BH24-21 0'	Soluble	Solid	DI Leach	
885-12721-60 MSD	BH24-21 0'	Soluble	Solid	DI Leach	

Leach Batch: 91978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-96	BH24-33 0'	Soluble	Solid	DI Leach	
885-12721-97	BH24-33 2'	Soluble	Solid	DI Leach	
885-12721-101	BH24-34 4'	Soluble	Solid	DI Leach	
MB 880-91978/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91978/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91978/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-12721-96 MS	BH24-33 0'	Soluble	Solid	DI Leach	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

HPLC/IC (Continued)

Leach Batch: 91978 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-96 MSD	BH24-33 0'	Soluble	Solid	DI Leach	

Leach Batch: 91980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-39	BH24-13 4'	Soluble	Solid	DI Leach	
885-12721-41	BH24-14 2'	Soluble	Solid	DI Leach	
MB 880-91980/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91980/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91980/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 91981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-43	BH24-15 2'	Soluble	Solid	DI Leach	
885-12721-44	BH24-15 4'	Soluble	Solid	DI Leach	
885-12721-45	BH24-16 0'	Soluble	Solid	DI Leach	
885-12721-46	BH24-16 2'	Soluble	Solid	DI Leach	
885-12721-47	BH24-16 4'	Soluble	Solid	DI Leach	
885-12721-48	BH24-17 0'	Soluble	Solid	DI Leach	
885-12721-49	BH24-17 2'	Soluble	Solid	DI Leach	
885-12721-50	BH24-17 4'	Soluble	Solid	DI Leach	
885-12721-51	BH24-18 0'	Soluble	Solid	DI Leach	
885-12721-52	BH24-18 2'	Soluble	Solid	DI Leach	
885-12721-61	BH24-21 2'	Soluble	Solid	DI Leach	
885-12721-65	BH24-22 4'	Soluble	Solid	DI Leach	
885-12721-68	BH24-23 4'	Soluble	Solid	DI Leach	
885-12721-69	BH24-24 0'	Soluble	Solid	DI Leach	
885-12721-70	BH24-24 2'	Soluble	Solid	DI Leach	
885-12721-71	BH24-24 4'	Soluble	Solid	DI Leach	
885-12721-72	BH24-25 0'	Soluble	Solid	DI Leach	
885-12721-73	BH24-25 2'	Soluble	Solid	DI Leach	
885-12721-74	BH24-25 4'	Soluble	Solid	DI Leach	
885-12721-75	BH24-26 0'	Soluble	Solid	DI Leach	
MB 880-91981/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91981/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91981/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-12721-43 MS	BH24-15 2'	Soluble	Solid	DI Leach	
885-12721-43 MSD	BH24-15 2'	Soluble	Solid	DI Leach	
885-12721-61 MS	BH24-21 2'	Soluble	Solid	DI Leach	
885-12721-61 MSD	BH24-21 2'	Soluble	Solid	DI Leach	

Analysis Batch: 92262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-2	BH24-01 2'	Soluble	Solid	300.0	91974
885-12721-9	BH24-03 4'	Soluble	Solid	300.0	91974
885-12721-11	BH24-04 2'	Soluble	Solid	300.0	91974
885-12721-13	BH24-05 0'	Soluble	Solid	300.0	91974
885-12721-17	BH24-06 2'	Soluble	Solid	300.0	91974
885-12721-18	BH24-06 4'	Soluble	Solid	300.0	91974
885-12721-22	BH24-08 0'	Soluble	Solid	300.0	91974
885-12721-29	BH24-10 2'	Soluble	Solid	300.0	91974
885-12721-33	BH24-11 4'	Soluble	Solid	300.0	91974

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

HPLC/IC (Continued)

Analysis Batch: 92262 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-36	BH24-12 4'	Soluble	Solid	300.0	91974
885-12721-37	BH24-13 0'	Soluble	Solid	300.0	91974
885-12721-40	BH24-14 0'	Soluble	Solid	300.0	91974
885-12721-42	BH24-15 0'	Soluble	Solid	300.0	91974
885-12721-54	BH24-19 0'	Soluble	Solid	300.0	91974
885-12721-55	BH24-19 2'	Soluble	Solid	300.0	91974
885-12721-56	BH24-19 4'	Soluble	Solid	300.0	91974
885-12721-59	BH24-20 4'	Soluble	Solid	300.0	91974
885-12721-62	BH24-21 4'	Soluble	Solid	300.0	91974
885-12721-63	BH24-22 0'	Soluble	Solid	300.0	91974
885-12721-64	BH24-22 2'	Soluble	Solid	300.0	91974
MB 880-91974/1-A	Method Blank	Soluble	Solid	300.0	91974
LCS 880-91974/2-A	Lab Control Sample	Soluble	Solid	300.0	91974
LCSD 880-91974/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91974
885-12721-2 MS	BH24-01 2'	Soluble	Solid	300.0	91974
885-12721-2 MSD	BH24-01 2'	Soluble	Solid	300.0	91974
885-12721-37 MS	BH24-13 0'	Soluble	Solid	300.0	91974
885-12721-37 MSD	BH24-13 0'	Soluble	Solid	300.0	91974

Analysis Batch: 92274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-66	BH24-23 0'	Soluble	Solid	300.0	91975
885-12721-67	BH24-23 2'	Soluble	Solid	300.0	91975
885-12721-76	BH24-26 2'	Soluble	Solid	300.0	91975
885-12721-80	BH24-27 4'	Soluble	Solid	300.0	91975
885-12721-86	BH24-29 4'	Soluble	Solid	300.0	91975
885-12721-90	BH24-31 0'	Soluble	Solid	300.0	91975
885-12721-92	BH24-31 4'	Soluble	Solid	300.0	91975
885-12721-94	BH24-32 2'	Soluble	Solid	300.0	91975
885-12721-98	BH24-33 4'	Soluble	Solid	300.0	91975
885-12721-99	BH24-34 0'	Soluble	Solid	300.0	91975
885-12721-100	BH24-34 2'	Soluble	Solid	300.0	91975
MB 880-91975/1-A	Method Blank	Soluble	Solid	300.0	91975
LCS 880-91975/2-A	Lab Control Sample	Soluble	Solid	300.0	91975
LCSD 880-91975/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91975
885-12721-66 MS	BH24-23 0'	Soluble	Solid	300.0	91975
885-12721-66 MSD	BH24-23 0'	Soluble	Solid	300.0	91975
885-12721-100 MS	BH24-34 2'	Soluble	Solid	300.0	91975
885-12721-100 MSD	BH24-34 2'	Soluble	Solid	300.0	91975

Analysis Batch: 92352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-1	BH24-01 0'	Soluble	Solid	300.0	91976
885-12721-3	BH24-01 4'	Soluble	Solid	300.0	91976
885-12721-4	BH24-02 0'	Soluble	Solid	300.0	91976
885-12721-5	BH24-02 2'	Soluble	Solid	300.0	91976
885-12721-6	BH24-02 4'	Soluble	Solid	300.0	91976
885-12721-7	BH24-03 0'	Soluble	Solid	300.0	91976
885-12721-8	BH24-03 2'	Soluble	Solid	300.0	91976
885-12721-10	BH24-04 0'	Soluble	Solid	300.0	91976
885-12721-12	BH24-04 4'	Soluble	Solid	300.0	91976

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

HPLC/IC (Continued)

Analysis Batch: 92352 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-14	BH24-05 2'	Soluble	Solid	300.0	91976
885-12721-15	BH24-05 4'	Soluble	Solid	300.0	91976
885-12721-16	BH24-06 0'	Soluble	Solid	300.0	91976
885-12721-19	BH24-07 0'	Soluble	Solid	300.0	91976
885-12721-20	BH24-07 2'	Soluble	Solid	300.0	91976
885-12721-21	BH24-07 4'	Soluble	Solid	300.0	91976
885-12721-23	BH24-08 2'	Soluble	Solid	300.0	91976
885-12721-24	BH24-08 4'	Soluble	Solid	300.0	91976
885-12721-25	BH24-09 0'	Soluble	Solid	300.0	91976
885-12721-26	BH24-09 2'	Soluble	Solid	300.0	91976
885-12721-27	BH24-09 4'	Soluble	Solid	300.0	91976
MB 880-91976/1-A	Method Blank	Soluble	Solid	300.0	91976
LCS 880-91976/2-A	Lab Control Sample	Soluble	Solid	300.0	91976
LCSD 880-91976/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91976
885-12721-1 MS	BH24-01 0'	Soluble	Solid	300.0	91976
885-12721-1 MSD	BH24-01 0'	Soluble	Solid	300.0	91976
885-12721-15 MS	BH24-05 4'	Soluble	Solid	300.0	91976
885-12721-15 MSD	BH24-05 4'	Soluble	Solid	300.0	91976

Analysis Batch: 92357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-28	BH24-10 0'	Soluble	Solid	300.0	91977
885-12721-30	BH24-10 4'	Soluble	Solid	300.0	91977
885-12721-31	BH24-11 0'	Soluble	Solid	300.0	91977
885-12721-32	BH24-11 2'	Soluble	Solid	300.0	91977
885-12721-34	BH24-12 0'	Soluble	Solid	300.0	91977
885-12721-35	BH24-12 2'	Soluble	Solid	300.0	91977
885-12721-38	BH24-13 2'	Soluble	Solid	300.0	91977
885-12721-53	BH24-18 4'	Soluble	Solid	300.0	91977
885-12721-57	BH24-20 0'	Soluble	Solid	300.0	91977
885-12721-58	BH24-20 2'	Soluble	Solid	300.0	91977
885-12721-60	BH24-21 0'	Soluble	Solid	300.0	91977
885-12721-83	BH24-28 4'	Soluble	Solid	300.0	91977
885-12721-84	BH24-29 0'	Soluble	Solid	300.0	91977
885-12721-85	BH24-29 2'	Soluble	Solid	300.0	91977
885-12721-87	BH24-30 0'	Soluble	Solid	300.0	91977
885-12721-88	BH24-30 2'	Soluble	Solid	300.0	91977
885-12721-89	BH24-30 4'	Soluble	Solid	300.0	91977
885-12721-91	BH24-31 2'	Soluble	Solid	300.0	91977
885-12721-93	BH24-32 0'	Soluble	Solid	300.0	91977
885-12721-95	BH24-32 4'	Soluble	Solid	300.0	91977
MB 880-91977/1-A	Method Blank	Soluble	Solid	300.0	91977
LCS 880-91977/2-A	Lab Control Sample	Soluble	Solid	300.0	91977
LCSD 880-91977/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91977
885-12721-28 MS	BH24-10 0'	Soluble	Solid	300.0	91977
885-12721-28 MSD	BH24-10 0'	Soluble	Solid	300.0	91977
885-12721-60 MS	BH24-21 0'	Soluble	Solid	300.0	91977
885-12721-60 MSD	BH24-21 0'	Soluble	Solid	300.0	91977

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

HPLC/IC

Analysis Batch: 92358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-96	BH24-33 0'	Soluble	Solid	300.0	91978
885-12721-97	BH24-33 2'	Soluble	Solid	300.0	91978
885-12721-101	BH24-34 4'	Soluble	Solid	300.0	91978
MB 880-91978/1-A	Method Blank	Soluble	Solid	300.0	91978
LCS 880-91978/2-A	Lab Control Sample	Soluble	Solid	300.0	91978
LCSD 880-91978/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91978
885-12721-96 MS	BH24-33 0'	Soluble	Solid	300.0	91978
885-12721-96 MSD	BH24-33 0'	Soluble	Solid	300.0	91978

Analysis Batch: 92375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-43	BH24-15 2'	Soluble	Solid	300.0	91981
885-12721-44	BH24-15 4'	Soluble	Solid	300.0	91981
885-12721-45	BH24-16 0'	Soluble	Solid	300.0	91981
885-12721-46	BH24-16 2'	Soluble	Solid	300.0	91981
885-12721-47	BH24-16 4'	Soluble	Solid	300.0	91981
885-12721-48	BH24-17 0'	Soluble	Solid	300.0	91981
885-12721-49	BH24-17 2'	Soluble	Solid	300.0	91981
885-12721-50	BH24-17 4'	Soluble	Solid	300.0	91981
885-12721-51	BH24-18 0'	Soluble	Solid	300.0	91981
885-12721-52	BH24-18 2'	Soluble	Solid	300.0	91981
885-12721-61	BH24-21 2'	Soluble	Solid	300.0	91981
885-12721-65	BH24-22 4'	Soluble	Solid	300.0	91981
885-12721-68	BH24-23 4'	Soluble	Solid	300.0	91981
885-12721-69	BH24-24 0'	Soluble	Solid	300.0	91981
885-12721-70	BH24-24 2'	Soluble	Solid	300.0	91981
885-12721-71	BH24-24 4'	Soluble	Solid	300.0	91981
885-12721-72	BH24-25 0'	Soluble	Solid	300.0	91981
885-12721-73	BH24-25 2'	Soluble	Solid	300.0	91981
885-12721-74	BH24-25 4'	Soluble	Solid	300.0	91981
885-12721-75	BH24-26 0'	Soluble	Solid	300.0	91981
MB 880-91981/1-A	Method Blank	Soluble	Solid	300.0	91981
LCS 880-91981/2-A	Lab Control Sample	Soluble	Solid	300.0	91981
LCSD 880-91981/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91981
885-12721-43 MS	BH24-15 2'	Soluble	Solid	300.0	91981
885-12721-43 MSD	BH24-15 2'	Soluble	Solid	300.0	91981
885-12721-61 MS	BH24-21 2'	Soluble	Solid	300.0	91981
885-12721-61 MSD	BH24-21 2'	Soluble	Solid	300.0	91981

Analysis Batch: 92376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-39	BH24-13 4'	Soluble	Solid	300.0	91980
885-12721-41	BH24-14 2'	Soluble	Solid	300.0	91980
MB 880-91980/1-A	Method Blank	Soluble	Solid	300.0	91980
LCS 880-91980/2-A	Lab Control Sample	Soluble	Solid	300.0	91980
LCSD 880-91980/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91980

Leach Batch: 92381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-77	BH24-26 4'	Soluble	Solid	DI Leach	
885-12721-78	BH24-27 0'	Soluble	Solid	DI Leach	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

HPLC/IC (Continued)

Leach Batch: 92381 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-79	BH24-27 2'	Soluble	Solid	DI Leach	
885-12721-81	BH24-28 0'	Soluble	Solid	DI Leach	
885-12721-82	BH24-28 2'	Soluble	Solid	DI Leach	
MB 880-92381/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92381/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92381/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-12721-77 MS	BH24-26 4'	Soluble	Solid	DI Leach	
885-12721-77 MSD	BH24-26 4'	Soluble	Solid	DI Leach	

Analysis Batch: 92382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12721-77	BH24-26 4'	Soluble	Solid	300.0	92381
885-12721-78	BH24-27 0'	Soluble	Solid	300.0	92381
885-12721-79	BH24-27 2'	Soluble	Solid	300.0	92381
885-12721-81	BH24-28 0'	Soluble	Solid	300.0	92381
885-12721-82	BH24-28 2'	Soluble	Solid	300.0	92381
MB 880-92381/1-A	Method Blank	Soluble	Solid	300.0	92381
LCS 880-92381/2-A	Lab Control Sample	Soluble	Solid	300.0	92381
LCSD 880-92381/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92381
885-12721-77 MS	BH24-26 4'	Soluble	Solid	300.0	92381
885-12721-77 MSD	BH24-26 4'	Soluble	Solid	300.0	92381

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-01 0'

Lab Sample ID: 885-12721-1

Date Collected: 09/23/24 08:00

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/02/24 23:23
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/02/24 20:35
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 19:22

Client Sample ID: BH24-01 2'

Lab Sample ID: 885-12721-2

Date Collected: 09/23/24 08:05

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/01/24 22:37
Total/NA	Prep	8015NM Prep			92048	EL	EET MID	09/29/24 20:59
Total/NA	Analysis	8015B NM		1	92175	TKC	EET MID	10/01/24 16:38
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 20:27

Client Sample ID: BH24-01 4'

Lab Sample ID: 885-12721-3

Date Collected: 09/23/24 08:10

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/02/24 23:43
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/02/24 21:24
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 19:38

Client Sample ID: BH24-02 0'

Lab Sample ID: 885-12721-4

Date Collected: 09/23/24 08:15

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 00:04
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/02/24 21:40
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 19:44

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-02 2'

Lab Sample ID: 885-12721-5

Date Collected: 09/23/24 08:20

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 00:25
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/02/24 21:57
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 19:49

Client Sample ID: BH24-02 4'

Lab Sample ID: 885-12721-6

Date Collected: 09/23/24 08:25

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 00:45
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/02/24 22:13
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 19:55

Client Sample ID: BH24-03 0'

Lab Sample ID: 885-12721-7

Date Collected: 09/23/24 08:30

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 01:06
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/02/24 22:30
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 20:11

Client Sample ID: BH24-03 2'

Lab Sample ID: 885-12721-8

Date Collected: 09/23/24 08:35

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 01:26
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/02/24 22:46
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 20:16

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-03 4'

Lab Sample ID: 885-12721-9

Date Collected: 09/23/24 08:40

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/01/24 22:57
Total/NA	Prep	8015NM Prep			92048	EL	EET MID	09/29/24 20:59
Total/NA	Analysis	8015B NM		1	92175	TKC	EET MID	10/01/24 16:55
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 20:43

Client Sample ID: BH24-04 0'

Lab Sample ID: 885-12721-10

Date Collected: 09/23/24 08:45

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 01:47
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/02/24 23:01
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 20:22

Client Sample ID: BH24-04 2'

Lab Sample ID: 885-12721-11

Date Collected: 09/23/24 08:50

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/01/24 23:18
Total/NA	Prep	8015NM Prep			92048	EL	EET MID	09/29/24 20:59
Total/NA	Analysis	8015B NM		1	92175	TKC	EET MID	10/01/24 17:11
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 20:49

Client Sample ID: BH24-04 4'

Lab Sample ID: 885-12721-12

Date Collected: 09/23/24 08:55

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 02:07
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/02/24 23:18
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 20:27

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-05 0'

Lab Sample ID: 885-12721-13

Date Collected: 09/23/24 09:00

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/01/24 23:38
Total/NA	Prep	8015NM Prep			92048	EL	EET MID	09/29/24 20:59
Total/NA	Analysis	8015B NM		1	92175	TKC	EET MID	10/01/24 17:28
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 20:54

Client Sample ID: BH24-05 2'

Lab Sample ID: 885-12721-14

Date Collected: 09/23/24 09:05

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 02:28
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/02/24 23:34
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 20:32

Client Sample ID: BH24-05 4'

Lab Sample ID: 885-12721-15

Date Collected: 09/23/24 09:10

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 03:53
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/03/24 00:06
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 20:38

Client Sample ID: BH24-06 0'

Lab Sample ID: 885-12721-16

Date Collected: 09/23/24 09:15

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 04:13
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/03/24 00:23
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 20:54

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-06 2'

Lab Sample ID: 885-12721-17

Date Collected: 09/23/24 09:20

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/01/24 23:59
Total/NA	Prep	8015NM Prep			92048	EL	EET MID	09/29/24 20:59
Total/NA	Analysis	8015B NM		1	92175	TKC	EET MID	10/01/24 17:44
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 21:00

Client Sample ID: BH24-06 4'

Lab Sample ID: 885-12721-18

Date Collected: 09/23/24 09:25

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 00:19
Total/NA	Prep	8015NM Prep			92048	EL	EET MID	09/29/24 20:59
Total/NA	Analysis	8015B NM		1	92175	TKC	EET MID	10/01/24 18:01
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 21:16

Client Sample ID: BH24-07 0'

Lab Sample ID: 885-12721-19

Date Collected: 09/23/24 09:30

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 04:34
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/03/24 00:39
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 20:59

Client Sample ID: BH24-07 2'

Lab Sample ID: 885-12721-20

Date Collected: 09/23/24 09:35

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 04:54
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/03/24 00:55
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 21:16

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-07 4'

Lab Sample ID: 885-12721-21

Date Collected: 09/23/24 09:40

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 05:15
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/03/24 01:13
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 21:21

Client Sample ID: BH24-08 0'

Lab Sample ID: 885-12721-22

Date Collected: 09/23/24 09:40

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 00:40
Total/NA	Prep	8015NM Prep			92048	EL	EET MID	09/29/24 20:59
Total/NA	Analysis	8015B NM		1	92175	TKC	EET MID	10/01/24 18:17
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 21:21

Client Sample ID: BH24-08 2'

Lab Sample ID: 885-12721-23

Date Collected: 09/23/24 09:45

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 05:35
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/03/24 01:28
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 21:26

Client Sample ID: BH24-08 4'

Lab Sample ID: 885-12721-24

Date Collected: 09/23/24 09:50

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 05:56
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/03/24 01:44
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 21:32

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-09 0'

Lab Sample ID: 885-12721-25

Date Collected: 09/24/24 10:25

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 06:17
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/03/24 02:02
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 21:37

Client Sample ID: BH24-09 2'

Lab Sample ID: 885-12721-26

Date Collected: 09/24/24 10:30

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 06:37
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/03/24 02:18
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 21:43

Client Sample ID: BH24-09 4'

Lab Sample ID: 885-12721-27

Date Collected: 09/24/24 10:35

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92343	MNR	EET MID	10/02/24 10:32
Total/NA	Analysis	8021B		1	92317	MNR	EET MID	10/03/24 06:58
Total/NA	Prep	8015NM Prep			92139	EL	EET MID	09/30/24 12:22
Total/NA	Analysis	8015B NM		1	92333	SM	EET MID	10/03/24 02:34
Soluble	Leach	DI Leach			91976	SA	EET MID	09/27/24 16:23
Soluble	Analysis	300.0		1	92352	CH	EET MID	10/02/24 21:48

Client Sample ID: BH24-10 0'

Lab Sample ID: 885-12721-28

Date Collected: 09/23/24 10:30

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92348	MNR	EET MID	10/02/24 10:40
Total/NA	Analysis	8021B		1	92439	MNR	EET MID	10/03/24 12:38
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/02/24 20:35
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 08:38

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-10 2'

Lab Sample ID: 885-12721-29

Date Collected: 09/23/24 10:35

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 01:00
Total/NA	Prep	8015NM Prep			92048	EL	EET MID	09/29/24 20:59
Total/NA	Analysis	8015B NM		1	92175	TKC	EET MID	10/01/24 18:34
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 21:27

Client Sample ID: BH24-10 4'

Lab Sample ID: 885-12721-30

Date Collected: 09/24/24 10:40

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92348	MNR	EET MID	10/02/24 10:40
Total/NA	Analysis	8021B		1	92439	MNR	EET MID	10/03/24 12:59
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/02/24 21:24
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 00:23

Client Sample ID: BH24-11 0'

Lab Sample ID: 885-12721-31

Date Collected: 09/23/24 10:40

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92348	MNR	EET MID	10/02/24 10:40
Total/NA	Analysis	8021B		1	92439	MNR	EET MID	10/03/24 13:57
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/02/24 21:40
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 00:29

Client Sample ID: BH24-11 2'

Lab Sample ID: 885-12721-32

Date Collected: 09/23/24 10:45

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92348	MNR	EET MID	10/02/24 10:40
Total/NA	Analysis	8021B		1	92439	MNR	EET MID	10/03/24 14:18
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/02/24 21:57
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 08:58

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-11 4'

Lab Sample ID: 885-12721-33

Date Collected: 09/24/24 10:45

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 01:21
Total/NA	Prep	8015NM Prep			92048	EL	EET MID	09/29/24 20:59
Total/NA	Analysis	8015B NM		1	92175	TKC	EET MID	10/01/24 18:50
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 21:32

Client Sample ID: BH24-12 0'

Lab Sample ID: 885-12721-34

Date Collected: 09/23/24 10:50

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92348	MNR	EET MID	10/02/24 10:40
Total/NA	Analysis	8021B		1	92439	MNR	EET MID	10/03/24 14:38
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/02/24 22:13
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 00:38

Client Sample ID: BH24-12 2'

Lab Sample ID: 885-12721-35

Date Collected: 09/23/24 10:55

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92348	MNR	EET MID	10/02/24 10:40
Total/NA	Analysis	8021B		1	92439	MNR	EET MID	10/03/24 14:59
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/02/24 22:30
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 00:57

Client Sample ID: BH24-12 4'

Lab Sample ID: 885-12721-36

Date Collected: 09/23/24 11:00

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 01:41
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 14:56
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 21:38

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-13 0'

Lab Sample ID: 885-12721-37

Date Collected: 09/24/24 11:05

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 03:05
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 15:43
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 21:43

Client Sample ID: BH24-13 2'

Lab Sample ID: 885-12721-38

Date Collected: 09/24/24 11:15

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92348	MNR	EET MID	10/02/24 10:40
Total/NA	Analysis	8021B		1	92439	MNR	EET MID	10/03/24 15:20
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/02/24 22:46
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 01:03

Client Sample ID: BH24-13 4'

Lab Sample ID: 885-12721-39

Date Collected: 09/24/24 11:20

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92348	MNR	EET MID	10/02/24 10:40
Total/NA	Analysis	8021B		1	92439	MNR	EET MID	10/03/24 15:40
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/02/24 23:01
Soluble	Leach	DI Leach			91980	SA	EET MID	09/27/24 16:31
Soluble	Analysis	300.0		1	92376	CH	EET MID	10/03/24 13:33

Client Sample ID: BH24-14 0'

Lab Sample ID: 885-12721-40

Date Collected: 09/23/24 11:25

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 03:26
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 15:58
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 21:59

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-14 2'

Lab Sample ID: 885-12721-41

Date Collected: 09/23/24 11:30

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92441	MNR	EET MID	10/03/24 08:18
Total/NA	Analysis	8021B		1	92440	MNR	EET MID	10/03/24 11:27
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/02/24 23:18
Soluble	Leach	DI Leach			91980	SA	EET MID	09/27/24 16:31
Soluble	Analysis	300.0		1	92376	CH	EET MID	10/03/24 13:38

Client Sample ID: BH24-15 0'

Lab Sample ID: 885-12721-42

Date Collected: 09/24/24 11:45

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 03:46
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 16:13
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 22:05

Client Sample ID: BH24-15 2'

Lab Sample ID: 885-12721-43

Date Collected: 09/23/24 11:50

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92441	MNR	EET MID	10/03/24 08:18
Total/NA	Analysis	8021B		1	92440	MNR	EET MID	10/03/24 11:48
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/02/24 23:34
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 14:30

Client Sample ID: BH24-15 4'

Lab Sample ID: 885-12721-44

Date Collected: 09/23/24 11:55

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92441	MNR	EET MID	10/03/24 08:18
Total/NA	Analysis	8021B		1	92440	MNR	EET MID	10/03/24 12:08
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/03/24 00:06
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 14:43

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-16 0'

Lab Sample ID: 885-12721-45

Date Collected: 09/24/24 12:00

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92441	MNR	EET MID	10/03/24 08:18
Total/NA	Analysis	8021B		1	92440	MNR	EET MID	10/03/24 12:29
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/03/24 00:23
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 14:49

Client Sample ID: BH24-16 2'

Lab Sample ID: 885-12721-46

Date Collected: 09/23/24 12:05

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92441	MNR	EET MID	10/03/24 08:18
Total/NA	Analysis	8021B		1	92440	MNR	EET MID	10/03/24 12:49
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/03/24 00:39
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 07:02

Client Sample ID: BH24-16 4'

Lab Sample ID: 885-12721-47

Date Collected: 09/23/24 12:10

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92441	MNR	EET MID	10/03/24 08:18
Total/NA	Analysis	8021B		1	92440	MNR	EET MID	10/03/24 13:10
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/03/24 00:55
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 07:09

Client Sample ID: BH24-17 0'

Lab Sample ID: 885-12721-48

Date Collected: 09/24/24 08:00

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92441	MNR	EET MID	10/03/24 08:18
Total/NA	Analysis	8021B		1	92440	MNR	EET MID	10/03/24 13:31
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/03/24 01:13
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 07:28

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-17 2'

Lab Sample ID: 885-12721-49

Date Collected: 09/24/24 08:05

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92441	MNR	EET MID	10/03/24 08:18
Total/NA	Analysis	8021B		1	92440	MNR	EET MID	10/03/24 13:51
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/03/24 01:28
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 07:34

Client Sample ID: BH24-17 4'

Lab Sample ID: 885-12721-50

Date Collected: 09/24/24 08:10

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92441	MNR	EET MID	10/03/24 08:18
Total/NA	Analysis	8021B		1	92440	MNR	EET MID	10/03/24 14:12
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/03/24 01:44
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 07:41

Client Sample ID: BH24-18 0'

Lab Sample ID: 885-12721-51

Date Collected: 09/24/24 08:15

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92441	MNR	EET MID	10/03/24 08:18
Total/NA	Analysis	8021B		1	92440	MNR	EET MID	10/03/24 14:32
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/03/24 02:02
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 07:47

Client Sample ID: BH24-18 2'

Lab Sample ID: 885-12721-52

Date Collected: 09/24/24 08:20

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/02/24 22:18
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/03/24 02:18
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 07:54

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-18 4'

Lab Sample ID: 885-12721-53

Date Collected: 09/24/24 08:25

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/02/24 22:38
Total/NA	Prep	8015NM Prep			92169	EL	EET MID	09/30/24 14:54
Total/NA	Analysis	8015B NM		1	92335	SM	EET MID	10/03/24 02:34
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 01:09

Client Sample ID: BH24-19 0'

Lab Sample ID: 885-12721-54

Date Collected: 09/24/24 08:30

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 04:07
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 16:28
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 22:21

Client Sample ID: BH24-19 2'

Lab Sample ID: 885-12721-55

Date Collected: 09/24/24 08:35

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 04:28
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 16:44
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 22:26

Client Sample ID: BH24-19 4'

Lab Sample ID: 885-12721-56

Date Collected: 09/24/24 08:40

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 04:48
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 16:59
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 22:32

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-20 0'

Lab Sample ID: 885-12721-57

Date Collected: 09/24/24 08:45

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/02/24 22:59
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/02/24 20:34
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 11:51

Client Sample ID: BH24-20 2'

Lab Sample ID: 885-12721-58

Date Collected: 09/24/24 08:50

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/02/24 23:19
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/02/24 21:18
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 01:18

Client Sample ID: BH24-20 4'

Lab Sample ID: 885-12721-59

Date Collected: 09/24/24 09:00

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 05:09
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 17:15
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 22:37

Client Sample ID: BH24-21 0'

Lab Sample ID: 885-12721-60

Date Collected: 09/24/24 09:30

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/02/24 23:40
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/02/24 21:33
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 01:24

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-21 2'

Lab Sample ID: 885-12721-61

Date Collected: 09/24/24 09:35

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 00:00
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/02/24 21:48
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 08:00

Client Sample ID: BH24-21 4'

Lab Sample ID: 885-12721-62

Date Collected: 09/24/24 09:40

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 05:29
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 17:30
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 22:42

Client Sample ID: BH24-22 0'

Lab Sample ID: 885-12721-63

Date Collected: 09/24/24 09:45

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 05:50
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 17:45
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 22:48

Client Sample ID: BH24-22 2'

Lab Sample ID: 885-12721-64

Date Collected: 09/24/24 09:50

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92255	MNR	EET MID	10/01/24 11:06
Total/NA	Analysis	8021B		1	92216	MNR	EET MID	10/02/24 06:10
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 18:16
Soluble	Leach	DI Leach			91974	SA	EET MID	09/27/24 16:18
Soluble	Analysis	300.0		1	92262	CH	EET MID	10/01/24 22:53

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-22 4'

Lab Sample ID: 885-12721-65

Date Collected: 09/24/24 09:55

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 00:20
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/02/24 22:03
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 13:07

Client Sample ID: BH24-23 0'

Lab Sample ID: 885-12721-66

Date Collected: 09/24/24 10:00

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92247	MNR	EET MID	10/01/24 12:08
Total/NA	Analysis	8021B		1	92217	MNR	EET MID	10/02/24 00:54
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 18:30
Soluble	Leach	DI Leach			91975	SA	EET MID	09/27/24 16:21
Soluble	Analysis	300.0		1	92274	CH	EET MID	10/02/24 01:26

Client Sample ID: BH24-23 2'

Lab Sample ID: 885-12721-67

Date Collected: 09/24/24 10:05

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92247	MNR	EET MID	10/01/24 12:08
Total/NA	Analysis	8021B		1	92217	MNR	EET MID	10/02/24 01:15
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 18:45
Soluble	Leach	DI Leach			91975	SA	EET MID	09/27/24 16:21
Soluble	Analysis	300.0		1	92274	CH	EET MID	10/02/24 01:45

Client Sample ID: BH24-23 4'

Lab Sample ID: 885-12721-68

Date Collected: 09/24/24 10:10

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 00:41
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/02/24 22:18
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 13:13

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-24 0'

Lab Sample ID: 885-12721-69

Date Collected: 09/25/24 08:00

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 01:01
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/02/24 22:32
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 13:32

Client Sample ID: BH24-24 2'

Lab Sample ID: 885-12721-70

Date Collected: 09/25/24 08:10

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 01:22
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/02/24 22:47
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 13:39

Client Sample ID: BH24-24 4'

Lab Sample ID: 885-12721-71

Date Collected: 09/25/24 08:20

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 02:44
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/02/24 23:02
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 13:45

Client Sample ID: BH24-25 0'

Lab Sample ID: 885-12721-72

Date Collected: 09/25/24 08:25

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 03:05
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/02/24 23:17
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 13:51

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-25 2'

Lab Sample ID: 885-12721-73

Date Collected: 09/25/24 08:30

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 03:25
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/02/24 23:47
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 13:58

Client Sample ID: BH24-25 4'

Lab Sample ID: 885-12721-74

Date Collected: 09/25/24 08:35

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 03:46
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/03/24 00:02
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 14:04

Client Sample ID: BH24-26 0'

Lab Sample ID: 885-12721-75

Date Collected: 09/25/24 08:40

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 04:06
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/03/24 00:19
Soluble	Leach	DI Leach			91981	SA	EET MID	09/27/24 16:33
Soluble	Analysis	300.0		1	92375	CH	EET MID	10/03/24 14:11

Client Sample ID: BH24-26 2'

Lab Sample ID: 885-12721-76

Date Collected: 09/25/24 08:45

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92247	MNR	EET MID	10/01/24 12:08
Total/NA	Analysis	8021B		1	92217	MNR	EET MID	10/02/24 01:35
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 19:00
Soluble	Leach	DI Leach			91975	SA	EET MID	09/27/24 16:21
Soluble	Analysis	300.0		1	92274	CH	EET MID	10/02/24 01:51

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-26 4'

Lab Sample ID: 885-12721-77

Date Collected: 09/25/24 08:50

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 04:27
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/03/24 00:34
Soluble	Leach	DI Leach			92381	SI	EET MID	10/02/24 14:03
Soluble	Analysis	300.0		1	92382	CH	EET MID	10/03/24 09:55

Client Sample ID: BH24-27 0'

Lab Sample ID: 885-12721-78

Date Collected: 09/25/24 08:55

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 04:47
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/03/24 00:48
Soluble	Leach	DI Leach			92381	SI	EET MID	10/02/24 14:04
Soluble	Analysis	300.0		1	92382	CH	EET MID	10/03/24 10:15

Client Sample ID: BH24-27 2'

Lab Sample ID: 885-12721-79

Date Collected: 09/25/24 09:00

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 05:07
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/03/24 01:03
Soluble	Leach	DI Leach			92381	SI	EET MID	10/02/24 14:04
Soluble	Analysis	300.0		1	92382	CH	EET MID	10/03/24 10:21

Client Sample ID: BH24-27 4'

Lab Sample ID: 885-12721-80

Date Collected: 09/25/24 09:05

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92247	MNR	EET MID	10/01/24 12:08
Total/NA	Analysis	8021B		1	92217	MNR	EET MID	10/02/24 01:56
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 19:15
Soluble	Leach	DI Leach			91975	SA	EET MID	09/27/24 16:21
Soluble	Analysis	300.0		1	92274	CH	EET MID	10/02/24 01:58

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-28 0'

Lab Sample ID: 885-12721-81

Date Collected: 09/25/24 09:10

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 05:28
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/03/24 01:18
Soluble	Leach	DI Leach			92381	SI	EET MID	10/02/24 14:04
Soluble	Analysis	300.0		1	92382	CH	EET MID	10/03/24 10:27

Client Sample ID: BH24-28 2'

Lab Sample ID: 885-12721-82

Date Collected: 09/25/24 09:15

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92350	MNR	EET MID	10/02/24 10:55
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 05:48
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/03/24 01:33
Soluble	Leach	DI Leach			92381	SI	EET MID	10/02/24 14:04
Soluble	Analysis	300.0		1	92382	CH	EET MID	10/03/24 10:34

Client Sample ID: BH24-28 4'

Lab Sample ID: 885-12721-83

Date Collected: 09/25/24 09:20

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92351	MNR	EET MID	10/02/24 11:02
Total/NA	Analysis	8021B		1	92326	MNR	EET MID	10/03/24 10:51
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/03/24 01:47
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 01:34

Client Sample ID: BH24-29 0'

Lab Sample ID: 885-12721-84

Date Collected: 09/25/24 09:25

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92351	MNR	EET MID	10/02/24 11:02
Total/NA	Analysis	8021B		1	92326	MNR	EET MID	10/03/24 11:11
Total/NA	Prep	8015NM Prep			92344	EL	EET MID	10/02/24 10:33
Total/NA	Analysis	8015B NM		1	92337	TKC	EET MID	10/03/24 02:03
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 01:40

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-29 2'

Lab Sample ID: 885-12721-85

Date Collected: 09/25/24 09:30

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92351	MNR	EET MID	10/02/24 11:02
Total/NA	Analysis	8021B		1	92326	MNR	EET MID	10/03/24 11:32
Total/NA	Prep	8015NM Prep			92346	EL	EET MID	10/02/24 10:37
Total/NA	Analysis	8015B NM		1	92339	TKC	EET MID	10/02/24 20:34
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 11:57

Client Sample ID: BH24-29 4'

Lab Sample ID: 885-12721-86

Date Collected: 09/25/24 09:35

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92247	MNR	EET MID	10/01/24 12:08
Total/NA	Analysis	8021B		1	92217	MNR	EET MID	10/02/24 02:16
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 19:30
Soluble	Leach	DI Leach			91975	SA	EET MID	09/27/24 16:21
Soluble	Analysis	300.0		1	92274	CH	EET MID	10/02/24 02:04

Client Sample ID: BH24-30 0'

Lab Sample ID: 885-12721-87

Date Collected: 09/25/24 10:00

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92351	MNR	EET MID	10/02/24 11:02
Total/NA	Analysis	8021B		1	92326	MNR	EET MID	10/03/24 11:52
Total/NA	Prep	8015NM Prep			92346	EL	EET MID	10/02/24 10:37
Total/NA	Analysis	8015B NM		1	92339	TKC	EET MID	10/02/24 21:18
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 12:22

Client Sample ID: BH24-30 2'

Lab Sample ID: 885-12721-88

Date Collected: 09/25/24 10:05

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92351	MNR	EET MID	10/02/24 11:02
Total/NA	Analysis	8021B		1	92326	MNR	EET MID	10/03/24 12:13
Total/NA	Prep	8015NM Prep			92346	EL	EET MID	10/02/24 10:37
Total/NA	Analysis	8015B NM		1	92339	TKC	EET MID	10/02/24 21:33
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 02:03

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-30 4'

Lab Sample ID: 885-12721-89

Date Collected: 09/25/24 10:10

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92351	MNR	EET MID	10/02/24 11:02
Total/NA	Analysis	8021B		1	92326	MNR	EET MID	10/03/24 12:33
Total/NA	Prep	8015NM Prep			92346	EL	EET MID	10/02/24 10:37
Total/NA	Analysis	8015B NM		1	92339	TKC	EET MID	10/02/24 21:48
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 02:09

Client Sample ID: BH24-31 0'

Lab Sample ID: 885-12721-90

Date Collected: 09/25/24 10:15

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92247	MNR	EET MID	10/01/24 12:08
Total/NA	Analysis	8021B		1	92217	MNR	EET MID	10/02/24 02:37
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 19:45
Soluble	Leach	DI Leach			91975	SA	EET MID	09/27/24 16:21
Soluble	Analysis	300.0		1	92274	CH	EET MID	10/02/24 02:23

Client Sample ID: BH24-31 2'

Lab Sample ID: 885-12721-91

Date Collected: 09/25/24 10:20

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92351	MNR	EET MID	10/02/24 11:02
Total/NA	Analysis	8021B		1	92326	MNR	EET MID	10/03/24 12:54
Total/NA	Prep	8015NM Prep			92346	EL	EET MID	10/02/24 10:37
Total/NA	Analysis	8015B NM		1	92339	TKC	EET MID	10/02/24 22:03
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 02:16

Client Sample ID: BH24-31 4'

Lab Sample ID: 885-12721-92

Date Collected: 09/25/24 10:25

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92247	MNR	EET MID	10/01/24 12:08
Total/NA	Analysis	8021B		1	92217	MNR	EET MID	10/02/24 02:57
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 20:00
Soluble	Leach	DI Leach			91975	SA	EET MID	09/27/24 16:21
Soluble	Analysis	300.0		1	92274	CH	EET MID	10/02/24 02:30

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-32 0'

Lab Sample ID: 885-12721-93

Date Collected: 09/25/24 11:00

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92351	MNR	EET MID	10/02/24 11:02
Total/NA	Analysis	8021B		1	92326	MNR	EET MID	10/03/24 13:14
Total/NA	Prep	8015NM Prep			92346	EL	EET MID	10/02/24 10:37
Total/NA	Analysis	8015B NM		1	92339	TKC	EET MID	10/02/24 22:18
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		10	92357	CH	EET MID	10/03/24 12:28

Client Sample ID: BH24-32 2'

Lab Sample ID: 885-12721-94

Date Collected: 09/25/24 11:05

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92247	MNR	EET MID	10/01/24 12:08
Total/NA	Analysis	8021B		1	92217	MNR	EET MID	10/02/24 03:18
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 20:14
Soluble	Leach	DI Leach			91975	SA	EET MID	09/27/24 16:21
Soluble	Analysis	300.0		1	92274	CH	EET MID	10/02/24 08:35

Client Sample ID: BH24-32 4'

Lab Sample ID: 885-12721-95

Date Collected: 09/25/24 11:10

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92351	MNR	EET MID	10/02/24 11:02
Total/NA	Analysis	8021B		1	92326	MNR	EET MID	10/03/24 13:34
Total/NA	Prep	8015NM Prep			92346	EL	EET MID	10/02/24 10:37
Total/NA	Analysis	8015B NM		1	92339	TKC	EET MID	10/02/24 22:32
Soluble	Leach	DI Leach			91977	SA	EET MID	09/27/24 16:25
Soluble	Analysis	300.0		1	92357	CH	EET MID	10/03/24 12:34

Client Sample ID: BH24-33 0'

Lab Sample ID: 885-12721-96

Date Collected: 09/25/24 11:15

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92351	MNR	EET MID	10/02/24 11:02
Total/NA	Analysis	8021B		1	92326	MNR	EET MID	10/03/24 13:55
Total/NA	Prep	8015NM Prep			92346	EL	EET MID	10/02/24 10:37
Total/NA	Analysis	8015B NM		1	92339	TKC	EET MID	10/02/24 22:47
Soluble	Leach	DI Leach			91978	SA	EET MID	09/27/24 16:27
Soluble	Analysis	300.0		1	92358	CH	EET MID	10/02/24 22:31

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-33 2'

Lab Sample ID: 885-12721-97

Date Collected: 09/25/24 11:20

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92406	MNR	EET MID	10/02/24 16:17
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 10:06
Total/NA	Prep	8015NM Prep			92346	EL	EET MID	10/02/24 10:37
Total/NA	Analysis	8015B NM		1	92339	TKC	EET MID	10/02/24 23:02
Soluble	Leach	DI Leach			91978	SA	EET MID	09/27/24 16:27
Soluble	Analysis	300.0		1	92358	CH	EET MID	10/02/24 22:48

Client Sample ID: BH24-33 4'

Lab Sample ID: 885-12721-98

Date Collected: 09/25/24 11:25

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92406	MNR	EET MID	10/02/24 16:17
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 10:27
Total/NA	Prep	8015NM Prep			92130	EL	EET MID	09/30/24 12:07
Total/NA	Analysis	8015B NM		1	92281	TKC	EET MID	10/01/24 20:28
Soluble	Leach	DI Leach			91975	SA	EET MID	09/27/24 16:21
Soluble	Analysis	300.0		1	92274	CH	EET MID	10/02/24 02:38

Client Sample ID: BH24-34 0'

Lab Sample ID: 885-12721-99

Date Collected: 09/25/24 11:30

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92406	MNR	EET MID	10/02/24 16:17
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 10:47
Total/NA	Prep	8015NM Prep			92131	EL	EET MID	09/30/24 12:10
Total/NA	Analysis	8015B NM		1	92279	TKC	EET MID	10/01/24 14:56
Soluble	Leach	DI Leach			91975	SA	EET MID	09/27/24 16:21
Soluble	Analysis	300.0		1	92274	CH	EET MID	10/02/24 02:44

Client Sample ID: BH24-34 2'

Lab Sample ID: 885-12721-100

Date Collected: 09/25/24 11:35

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92406	MNR	EET MID	10/02/24 16:17
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 11:08
Total/NA	Prep	8015NM Prep			92131	EL	EET MID	09/30/24 12:10
Total/NA	Analysis	8015B NM		1	92279	TKC	EET MID	10/01/24 15:43
Soluble	Leach	DI Leach			91975	SA	EET MID	09/27/24 16:21
Soluble	Analysis	300.0		1	92274	CH	EET MID	10/02/24 02:50

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

Client Sample ID: BH24-34 4'

Lab Sample ID: 885-12721-101

Date Collected: 09/25/24 11:40

Matrix: Solid

Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			92406	MNR	EET MID	10/02/24 16:17
Total/NA	Analysis	8021B		1	92318	MNR	EET MID	10/03/24 11:53
Total/NA	Prep	8015NM Prep			92346	EL	EET MID	10/02/24 10:37
Total/NA	Analysis	8015B NM		1	92339	TKC	EET MID	10/02/24 23:17
Soluble	Leach	DI Leach			91978	SA	EET MID	09/27/24 16:27
Soluble	Analysis	300.0		1	92358	CH	EET MID	10/02/24 22:53

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Accreditation/Certification Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-12721-1

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	06-30-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Chain-of-Custody Record

Client: **Vertex**

Mailing Address: **3101 Boyd Dr, Carlsbad, NM**

Phone #: _____

email or Fax#: _____

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush 5 Days

Project Name:
Sand Point Reclamation Facility

Project #:
24E-04209

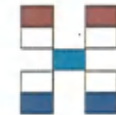
Project Manager:
Chad Hensley
Chensley@vertexresource.com

Sampler: **J. Rewis**

On Ice: Yes No

of Coolers: **3**

Cooler Temp (including CF): reference pg. 1



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	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 ⁻ , Br ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ⁻ , SO ₄ ⁻	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)																			
9.23.24	9:00	Soil	BH24-05 0'	4oz Jar	ICE	13	x	x					x																						
9.23.24	9:05	Soil	BH24-05 2'	4oz Jar	ICE	14	x	x					x																						
9.23.24	9:10	Soil	BH24-05 4'	4oz Jar	ICE	15	x	x					x																						
9.23.24	9:15	Soil	BH24-06 0'	4oz Jar	ICE	16	x	x					x																						
9.23.24	9:20	Soil	BH24-06 2'	4oz Jar	ICE	17	x	x					x																						
9.23.24	9:25	Soil	BH24-06 4'	4oz Jar	ICE	18	x	x					x																						
9.23.24	9:30	Soil	BH24-07 0'	4oz Jar	ICE	19	x	x					x																						
9.23.24	9:35	Soil	BH24-07 2'	4oz Jar	ICE	20	x	x					x																						
9.23.24	9:40	Soil	BH24-07 4'	4oz Jar	ICE	21	x	x					x																						
9.23.24	9:40	Soil	BH24-08 0'	4oz Jar	ICE	22	x	x					x																						
9.23.24	9:45	Soil	BH24-08 2'	4oz Jar	ICE	23	x	x					x																						
9.23.24	9:50	Soil	BH24-08 4'	4oz Jar	ICE	24	x	x					x																						
Date: 9/26/24	Time: 0800	Relinquished by:	Received by:	Via:	Date: 9/26/24	Time: 0800	Remarks: CC: Chad Hensley Chensley@vertexresource.com John Rewis jrewis@vertexresource.com for Final Report.																												
Date: 9/26/24	Time: 1900	Relinquished by:	Received by:	Via: <u>courier</u>	Date: 9/27/24	Time: 8:00																													

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

Released to Imaging: 3/13/2026 11:30:38 AM

Page 185 of 195

10/3/2024

Received by OCD: 2/27/2026 8:31:07 AM

Page 292 of 415



Chain-of-Custody Record

Client: **Vertex**

Mailing Address: **3101 Boyd Dr, Carlsbad, NM**

Phone #: _____

email or Fax#: _____

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush 5 Day

Project Name:
Sand Point Reclamation Facility

Project #:
24E-04209

Project Manager:
Chad Hensley
Chensley@vertexresource.com

Sampler: **J. Rewis**

On Ice: Yes No

of Coolers: **3**

Cooler Temp (including CF): reference pg. 1



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Analytical Parameters															
							BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
9.24.24	10:25	Soil	BH24-09 0'	4oz Jar	ICE	25	x	x								x						
9.24.24	10:30	Soil	BH24-09 2'	4oz Jar	ICE	26	x	x								x						
9.24.24	10:35	Soil	BH24-09 4'	4oz Jar	ICE	27	x	x								x						
9.23.24	10:30	Soil	BH24-10 0'	4oz Jar	ICE	28	x	x								x						
9.23.24	10:35	Soil	BH24-10 2'	4oz Jar	ICE	29	x	x								x						
9.24.24	10:40	Soil	BH24-10 4'	4oz Jar	ICE	30	x	x								x						
9.23.24	10:40	Soil	BH24-11 0'	4oz Jar	ICE	31	x	x								x						
9.23.24	10:45	Soil	BH24-11 2'	4oz Jar	ICE	32	x	x								x						
9.24.24	10:45	Soil	BH24-11 4'	4oz Jar	ICE	33	x	x								x						
9.23.24	10:50	Soil	BH24-12 0'	4oz Jar	ICE	34	x	x								x						
9.23.24	10:55	Soil	BH24-12 2'	4oz Jar	ICE	35	x	x								x						
9.23.24	11:00	Soil	BH24-12 4'	4oz Jar	ICE	36	x	x								x						
Date:	Time:	Relinquished by:		Received by:		Via:	Date	Time	Remarks:													
9.26.24	0800						9/26/24	8:00	CC: Chad Hensley Chensley@vertexresource.com John Rewis jrewis@vertexresource.com for Final Report.													
Date:	Time:	Relinquished by:		Received by:		Via:	Date	Time														
9/27/24	1900					carrier	9/27/24	8:00														

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Chain-of-Custody Record

Client: **Vertex**

Mailing Address: **3101 Boyd Dr, Carlsbad, NM**

Phone #:

email or Fax#:

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush 5 Day

Project Name:
Sand Point Reclamation Facility

Project #:
24E-04209

Project Manager:
Chad Hensley
Chensley@vertexresource.com

Sampler: **J. Rewis**

On Ice: Yes No

of Coolers: **3**

Cooler Temp (including CF): reference pg. 1



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Analytical Parameters															
							BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
9.24.24	8:00	Soil	BH24-17 0'	4oz Jar	ICE	48	x	x								x						
9.24.24	8:05	Soil	BH24-17 2'	4oz Jar	ICE	49	x	x								x						
9.24.24	8:10	Soil	BH24-17 4'	4oz Jar	ICE	50	x	x								x						
9.24.24	8:15	Soil	BH24-18 0'	4oz Jar	ICE	51	x	x								x						
9.24.24	8:20	Soil	BH24-18 2'	4oz Jar	ICE	52	x	x								x						
9.24.24	8:25	Soil	BH24-18 4"	4oz Jar	ICE	53	x	x								x						
9.24.24	8:30	Soil	BH24-19 0'	4oz Jar	ICE	54	x	x								x						
9.24.24	8:35	Soil	BH24-19 2'	4oz Jar	ICE	55	x	x								x						
9.24.24	8:40	Soil	BH24-19 4'	4oz Jar	ICE	56	x	x								x						
9.24.24	8:45	Soil	BH24-20 0'	4oz Jar	ICE	57	x	x								x						
9.24.24	8:50	Soil	BH24-20 2'	4oz Jar	ICE	58	x	x								x						
9.24.24	9:00	Soil	BH24-20 4'	4oz Jar	ICE	59	x	x								x						
Date:	Time:	Relinquished by:		Received by:		Via:	Date	Time	Remarks:													
9/24/24	0800					Carrier	9/27/24	8:00	CC: Chad Hensley Chensley@vertexresource.com John Rewis jrewis@vertexresource.com for Final Report.													
Date:	Time:	Relinquished by:		Received by:		Via:	Date	Time														
9/24/24	1900																					

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Chain-of-Custody Record

Client: **Vertex**

Mailing Address: **3101 Boyd Dr, Carlsbad, NM**

Phone #:

email or Fax#:

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush **5 Day**

Project Name:
Sand Point Reclamation Facility

Project #:
24E-04209

Project Manager:
Chad Hensley
Chensley@vertexresource.com

Sampler: **J. Rewis**

On Ice: Yes No

of Coolers: **3**

Cooler Temp (including CF): **reference pg. 1**



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
9.24.24	9:30	Soil	BH24-21 0'	4oz Jar	ICE	60	x	x					x			
9.24.24	9:35	Soil	BH24-21 2'	4oz Jar	ICE	61	x	x					x			
9.24.24	9:40	Soil	BH24-21 4'	4oz Jar	ICE	62	x	x					x			
9.24.24	9:45	Soil	BH24-22 0'	4oz Jar	ICE	63	x	x					x			
9.24.24	9:50	Soil	BH24-22 2'	4oz Jar	ICE	64	x	x					x			
9.24.24	9:55	Soil	BH24-22 4"	4oz Jar	ICE	65	x	x					x			
9.24.24	10:00	Soil	BH24-23 0'	4oz Jar	ICE	66	x	x					x			
9.24.24	10:05	Soil	BH24-23 2'	4oz Jar	ICE	67	x	x					x			
9.24.24	10:10	Soil	BH24-23 4'	4oz Jar	ICE	68	x	x					x			

Date: 9.26.24	Time: 0800	Relinquished by:	Received by:	Via: Carner	Date: 9/26/24	Time: 8:00	Remarks: CC: Chad Hensley Chensley@vertexresource.com John Rewis jrewis@vertexresource.com for Final Report.
Date: 9/26/24	Time: 1900	Relinquished by:	Received by:	Via: Carner	Date: 9/27/24	Time: 8:00	

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Chain-of-Custody Record

Client: **Vertex**

Mailing Address: **3101 Boyd Dr, Carlsbad, NM**

Phone #:

email or Fax#:

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush 5 Day

Project Name:
Sand Point Reclamation Facility

Project #:
24E-04209

Project Manager:
Chad Hensley
Chensley@vertexresource.com

Sampler: **J. Rewis**

On Ice: Yes No

of Coolers: **3**

Cooler Temp (including CF): reference pg. 1



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl ⁻ , F ⁻ , Br ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ⁻ , SO ₄ ⁻	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
9.25.24	8:00	Soil	BH24-24 0'	4oz Jar	ICE	69	x	x					x			
9.25.24	8:10	Soil	BH24-24 2'	4oz Jar	ICE	70	x	x					x			
9.25.24	8:20	Soil	BH24-24 4'	4oz Jar	ICE	71	x	x					x			
9.25.24	8:25	Soil	BH24-25 0'	4oz Jar	ICE	72	x	x					x			
9.25.24	8:30	Soil	BH24-25 2'	4oz Jar	ICE	73	x	x					x			
9.25.24	8:35	Soil	BH24-25 4'	4oz Jar	ICE	74	x	x					x			
9.25.24	8:40	Soil	BH24-26 0'	4oz Jar	ICE	75	x	x					x			
9.25.24	8:45	Soil	BH24-26 2'	4oz Jar	ICE	76	x	x					x			
9.25.24	8:50	Soil	BH24-26 4'	4oz Jar	ICE	77	x	x					x			
9.25.24	8:55	Soil	BH24-27 0'	4oz Jar	ICE	78	x	x					x			
9.25.24	9:00	Soil	BH24-27 2'	4oz Jar	ICE	79	x	x					x			
9.25.24	9:05	Soil	BH24-27 4'	4oz Jar	ICE	80	x	x					x			

Date: 9.26.24 Time: 0800 Relinquished by:

Date: 9/26/24 Time: 8:00 Received by: Via: _____

Date: 9/26/24 Time: 1900 Relinquished by:

Date: 9/27/24 Time: 8:00 Received by: Via: carrier

Remarks:
 CC: Chad Hensley Chensley@vertexresource.com
 John Rewis jrewis@vertexresource.com for Final Report.

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Chain-of-Custody Record

Client: **Vertex**

Mailing Address: **3101 Boyd Dr, Carlsbad, NM**

Phone #:

email or Fax#:

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush 5 Day

Project Name:
Sand Point Reclamation Facility

Project #:
24E-04209

Project Manager:
Chad Hensley
Chensley@vertexresource.com

Sampler: **J. Rewis**

On Ice: Yes No

of Coolers: **3**

Cooler Temp (including CF): reference pg. 1



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Analytical Parameters																
							BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl ⁻ , F ⁻ , Br ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ⁻ , SO ₄ ⁻	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)							
9.25.24	9:10	Soil	BH24-28 0'	4oz Jar	ICE	81	x	x								x							
9.25.24	9:15	Soil	BH24-28 2'	4oz Jar	ICE	82	x	x								x							
9.25.24	9:20	Soil	BH24-28 4'	4oz Jar	ICE	83	x	x								x							
9.25.24	9:25	Soil	BH24-29 0'	4oz Jar	ICE	84	x	x								x							
9.25.24	9:30	Soil	BH24-29 2'	4oz Jar	ICE	85	x	x								x							
9.25.24	9:35	Soil	BH24-29 4'	4oz Jar	ICE	86	x	x								x							
9.25.24	10:00	Soil	BH24-30 0'	4oz Jar	ICE	87	x	x								x							
9.25.24	10:05	Soil	BH24-30 2'	4oz Jar	ICE	88	x	x								x							
9.25.24	10:10	Soil	BH24-30 4'	4oz Jar	ICE	89	x	x								x							
9.25.24	10:15	Soil	BH24-31 0'	4oz Jar	ICE	90	x	x								x							
9.25.24	10:20	Soil	BH24-31 2'	4oz Jar	ICE	91	x	x								x							
9.25.24	10:25	Soil	BH24-31 4'	4oz Jar	ICE	92	x	x								x							

Date: <u>9/26/24</u>	Time: <u>0800</u>	Relinquished by:	Received by:	Via: _____	Date: <u>9/26/24</u>	Time: <u>800</u>	Remarks: CC: Chad Hensley Chensley@vertexresource.com John Rewis jrewis@vertexresource.com for Final Report.
Date: <u>9/26/24</u>	Time: <u>1900</u>	Relinquished by:	Received by:	Via: <u>carrier</u>	Date: <u>9/27/24</u>	Time: <u>800</u>	

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Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-12721-1

Login Number: 12721

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
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: 885-12721-1

Login Number: 12721

List Number: 2

Creator: Vasquez, Julisa

List Source: Eurofins Midland

List Creation: 10/01/24 11:10 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	



Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-12721-1

Login Number: 12721

List Number: 3

Creator: Vasquez, Julisa

List Source: Eurofins Midland

List Creation: 10/02/24 10:19 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	





Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Chad Hensley
Vertex

3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 12/19/2025 12:11:36 PM Revision 1

JOB DESCRIPTION

Sand Point Reclamation Facility
24E-04209

JOB NUMBER

890-9171-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Euofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/19/2025 12:11:36 PM
Revision 1

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.euofinsus.com
(432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Laboratory Job ID: 890-9171-1
SDG: 24E-04209

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	13
Lab Chronicle	15
Certification Summary	16
Method Summary	17
Sample Summary	18
Chain of Custody	19
Receipt Checklists	21

Definitions/Glossary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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: Sand Point Reclamation Facility

Job ID: 890-9171-1

Job ID: 890-9171-1

Eurofins Carlsbad

Job Narrative 890-9171-1

REVISION

The report being provided is a revision of the original report sent on 12/16/2025. The report (revision 1) is being revised due to Samples switched at labeling, revised report required.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 12/5/2025 12:15 PM. 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 5.8°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-126092 and 880-126107 and analytical batch 880-126152 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH25-36 (890-9171-1) and BH25-36 (890-9171-2). Evidence of matrix interference is present; 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.

Hydrocarbons

Method TX_1005: Surrogate recovery for the following samples were outside control limits: BH25-36 (890-9171-1) and BH25-36 (890-9171-2). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Carlsbad



Client Sample Results

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

Client Sample ID: BH25-36

Lab Sample ID: 890-9171-1

Date Collected: 12/04/25 14:00

Matrix: Solid

Date Received: 12/05/25 12:15

Sample Depth: 5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/09/25 13:02	12/11/25 07:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/09/25 13:02	12/11/25 07:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/09/25 13:02	12/11/25 07:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/09/25 13:02	12/11/25 07:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/09/25 13:02	12/11/25 07:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/09/25 13:02	12/11/25 07:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/09/25 13:02	12/11/25 07:53	1
1,4-Difluorobenzene (Surr)	119		70 - 130	12/09/25 13:02	12/11/25 07:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/11/25 07:53	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12 Range Hydrocarbons	<49.8	U	49.8		mg/Kg		12/05/25 11:21	12/11/25 22:10	1
>C12-C28 Range Hydrocarbons	<49.8	U	49.8		mg/Kg		12/05/25 11:21	12/11/25 22:10	1
>C28-C35 Range Hydrocarbons	<49.8	U	49.8		mg/Kg		12/05/25 11:21	12/11/25 22:10	1
Total Petroleum Hydrocarbons (C6-C35)	<49.8	U	49.8		mg/Kg			12/11/25 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130	12/05/25 11:21	12/11/25 22:10	1
o-Terphenyl (Surr)	132	S1+	70 - 130	12/05/25 11:21	12/11/25 22:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.3		9.92		mg/Kg			12/10/25 13:32	1

Client Sample ID: BH25-36

Lab Sample ID: 890-9171-2

Date Collected: 12/04/25 13:45

Matrix: Solid

Date Received: 12/05/25 12:15

Sample Depth: 4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/09/25 13:02	12/11/25 08:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/09/25 13:02	12/11/25 08:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/09/25 13:02	12/11/25 08:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/09/25 13:02	12/11/25 08:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/09/25 13:02	12/11/25 08:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/09/25 13:02	12/11/25 08:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	12/09/25 13:02	12/11/25 08:14	1
1,4-Difluorobenzene (Surr)	113		70 - 130	12/09/25 13:02	12/11/25 08:14	1

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Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

Client Sample ID: BH25-36
Date Collected: 12/04/25 13:45
Date Received: 12/05/25 12:15
Sample Depth: 4

Lab Sample ID: 890-9171-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/11/25 08:14	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12 Range Hydrocarbons	<49.9	U	49.9		mg/Kg		12/05/25 11:21	12/11/25 22:23	1
>C12-C28 Range Hydrocarbons	<49.9	U	49.9		mg/Kg		12/05/25 11:21	12/11/25 22:23	1
>C28-C35 Range Hydrocarbons	<49.9	U	49.9		mg/Kg		12/05/25 11:21	12/11/25 22:23	1
Total Petroleum Hydrocarbons (C6-C35)	<49.9	U	49.9		mg/Kg			12/11/25 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130	12/05/25 11:21	12/11/25 22:23	1
o-Terphenyl (Surr)	132	S1+	70 - 130	12/05/25 11:21	12/11/25 22:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	902		9.98		mg/Kg			12/10/25 13:49	1

Surrogate Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9167-A-1-D MS	Matrix Spike	103	101
890-9167-A-1-E MSD	Matrix Spike Duplicate	94	94
890-9171-1	BH25-36	139 S1+	119
890-9171-2	BH25-36	138 S1+	113
LCS 880-126107/1-A	Lab Control Sample	101	107
LCSD 880-126107/2-A	Lab Control Sample Dup	97	91
MB 880-126092/5-A	Method Blank	154 S1+	94
MB 880-126107/5-A	Method Blank	194 S1+	111

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
 DFBZ = 1,4-Difluorobenzene (Surr)

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO (70-130)	OTPH (70-130)
880-65763-A-4-B MS	Matrix Spike	129	117
880-65763-A-4-C MSD	Matrix Spike Duplicate	123	116
890-9171-1	BH25-36	120	132 S1+
890-9171-2	BH25-36	120	132 S1+
LCS 880-125742/2-A	Lab Control Sample	126	116
LCSD 880-125742/3-A	Lab Control Sample Dup	122	115
MB 880-125742/1-A	Method Blank	101	110

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
 OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-126092/5-A
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126092

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/25 12:47	12/10/25 12:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/25 12:47	12/10/25 12:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/25 12:47	12/10/25 12:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/09/25 12:47	12/10/25 12:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/25 12:47	12/10/25 12:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/09/25 12:47	12/10/25 12:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	12/09/25 12:47	12/10/25 12:09	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/09/25 12:47	12/10/25 12:09	1

Lab Sample ID: MB 880-126107/5-A
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126107

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/25 13:02	12/10/25 23:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/25 13:02	12/10/25 23:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/25 13:02	12/10/25 23:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/09/25 13:02	12/10/25 23:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/25 13:02	12/10/25 23:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/09/25 13:02	12/10/25 23:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	194	S1+	70 - 130	12/09/25 13:02	12/10/25 23:46	1
1,4-Difluorobenzene (Surr)	111		70 - 130	12/09/25 13:02	12/10/25 23:46	1

Lab Sample ID: LCS 880-126107/1-A
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126107

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1020		mg/Kg		102	70 - 130
Toluene	0.100	0.08877		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.1013		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.1871		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09275		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-126107/2-A
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126107

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08202		mg/Kg		82	70 - 130	22	35

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QC Sample Results

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

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

Lab Sample ID: LCSD 880-126107/2-A
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126107

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.08460		mg/Kg		85	70 - 130	5	35
Ethylbenzene	0.100	0.09189		mg/Kg		92	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1824		mg/Kg		91	70 - 130	3	35
o-Xylene	0.100	0.08695		mg/Kg		87	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 890-9167-A-1-D MS
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 126107

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08299		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.100	0.07678		mg/Kg		77	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08094		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1561		mg/Kg		78	70 - 130
o-Xylene	<0.00200	U	0.100	0.08910		mg/Kg		89	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-9167-A-1-E MSD
Matrix: Solid
Analysis Batch: 126152

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 126107

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09496		mg/Kg		95	70 - 130	13	35
Toluene	<0.00200	U	0.100	0.08806		mg/Kg		88	70 - 130	14	35
Ethylbenzene	<0.00200	U	0.100	0.09602		mg/Kg		96	70 - 130	17	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1821		mg/Kg		91	70 - 130	15	35
o-Xylene	<0.00200	U	0.100	0.09445		mg/Kg		94	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Lab Sample ID: MB 880-125742/1-A
Matrix: Solid
Analysis Batch: 126430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12 Range Hydrocarbons	<50.0	U	50.0		mg/Kg		12/05/25 11:21	12/11/25 16:16	1
>C12-C28 Range Hydrocarbons	<50.0	U	50.0		mg/Kg		12/05/25 11:21	12/11/25 16:16	1

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) (Continued)

Lab Sample ID: MB 880-125742/1-A
Matrix: Solid
Analysis Batch: 126430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
>C28-C35 Range Hydrocarbons	<50.0	U	50.0		mg/Kg		12/05/25 11:21	12/11/25 16:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	12/05/25 11:21	12/11/25 16:16	1
o-Terphenyl (Surr)	110		70 - 130	12/05/25 11:21	12/11/25 16:16	1

Lab Sample ID: LCS 880-125742/2-A
Matrix: Solid
Analysis Batch: 126430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C6-C12 Range Hydrocarbons	1000	874.6		mg/Kg		87	75 - 125
>C12-C28 Range Hydrocarbons	1000	935.5		mg/Kg		94	75 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	126		70 - 130
o-Terphenyl (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-125742/3-A
Matrix: Solid
Analysis Batch: 126430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125742

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C6-C12 Range Hydrocarbons	1000	858.6		mg/Kg		86	75 - 125	2	25
>C12-C28 Range Hydrocarbons	1000	942.9		mg/Kg		94	75 - 125	1	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	122		70 - 130
o-Terphenyl (Surr)	115		70 - 130

Lab Sample ID: 880-65763-A-4-B MS
Matrix: Solid
Analysis Batch: 126430

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 125742

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C6-C12 Range Hydrocarbons	<50.0	U	997	815.7		mg/Kg		82	75 - 125
>C12-C28 Range Hydrocarbons	<50.0	U	997	987.6		mg/Kg		99	75 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	129		70 - 130
o-Terphenyl (Surr)	117		70 - 130

Lab Sample ID: 880-65763-A-4-C MSD
Matrix: Solid
Analysis Batch: 126430

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 125742

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C6-C12 Range Hydrocarbons	<50.0	U	997	784.7		mg/Kg		79	75 - 125	4	25

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) (Continued)

Lab Sample ID: 880-65763-A-4-C MSD
 Matrix: Solid
 Analysis Batch: 126430

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 125742

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
>C12-C28 Range Hydrocarbons	<50.0	U	997	895.7		mg/Kg		90	75 - 125	10	25
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	123		70 - 130								
o-Terphenyl (Surr)	116		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-125985/1-A
 Matrix: Solid
 Analysis Batch: 126137

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/10/25 11:33	1

Lab Sample ID: LCS 880-125985/2-A
 Matrix: Solid
 Analysis Batch: 126137

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.7		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-125985/3-A
 Matrix: Solid
 Analysis Batch: 126137

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	249.2		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 890-9170-A-15-C MS
 Matrix: Solid
 Analysis Batch: 126137

Client Sample ID: Matrix Spike
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	368		252	605.3		mg/Kg		94	90 - 110

Lab Sample ID: 890-9170-A-15-D MSD
 Matrix: Solid
 Analysis Batch: 126137

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	368		252	609.0		mg/Kg		96	90 - 110	1	20

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QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation FacilityJob ID: 890-9171-1
SDG: 24E-04209

GC VOA

Prep Batch: 126092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-126092/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 126107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Total/NA	Solid	5035	
890-9171-2	BH25-36	Total/NA	Solid	5035	
MB 880-126107/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-126107/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-126107/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9167-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-9167-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 126152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Total/NA	Solid	8021B	126107
890-9171-2	BH25-36	Total/NA	Solid	8021B	126107
MB 880-126092/5-A	Method Blank	Total/NA	Solid	8021B	126092
MB 880-126107/5-A	Method Blank	Total/NA	Solid	8021B	126107
LCS 880-126107/1-A	Lab Control Sample	Total/NA	Solid	8021B	126107
LCSD 880-126107/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	126107
890-9167-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	126107
890-9167-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	126107

Analysis Batch: 126818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Total/NA	Solid	Total BTEX	
890-9171-2	BH25-36	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 125742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Total/NA	Solid	TX_1005_S_Pre p	
890-9171-2	BH25-36	Total/NA	Solid	TX_1005_S_Pre p	
MB 880-125742/1-A	Method Blank	Total/NA	Solid	TX_1005_S_Pre p	
LCS 880-125742/2-A	Lab Control Sample	Total/NA	Solid	TX_1005_S_Pre p	
LCSD 880-125742/3-A	Lab Control Sample Dup	Total/NA	Solid	TX_1005_S_Pre p	
880-65763-A-4-B MS	Matrix Spike	Total/NA	Solid	TX_1005_S_Pre p	
880-65763-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	TX_1005_S_Pre p	

Analysis Batch: 126430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Total/NA	Solid	TX 1005	125742
890-9171-2	BH25-36	Total/NA	Solid	TX 1005	125742
MB 880-125742/1-A	Method Blank	Total/NA	Solid	TX 1005	125742
LCS 880-125742/2-A	Lab Control Sample	Total/NA	Solid	TX 1005	125742

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QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

GC Semi VOA (Continued)

Analysis Batch: 126430 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-125742/3-A	Lab Control Sample Dup	Total/NA	Solid	TX 1005	125742
880-65763-A-4-B MS	Matrix Spike	Total/NA	Solid	TX 1005	125742
880-65763-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	TX 1005	125742

Analysis Batch: 126505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Total/NA	Solid	TX 1005	
890-9171-2	BH25-36	Total/NA	Solid	TX 1005	

HPLC/IC

Leach Batch: 125985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Soluble	Solid	DI Leach	
890-9171-2	BH25-36	Soluble	Solid	DI Leach	
MB 880-125985/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-125985/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-125985/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9170-A-15-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9170-A-15-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 126137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9171-1	BH25-36	Soluble	Solid	300.0	125985
890-9171-2	BH25-36	Soluble	Solid	300.0	125985
MB 880-125985/1-A	Method Blank	Soluble	Solid	300.0	125985
LCS 880-125985/2-A	Lab Control Sample	Soluble	Solid	300.0	125985
LCSD 880-125985/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	125985
890-9170-A-15-C MS	Matrix Spike	Soluble	Solid	300.0	125985
890-9170-A-15-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	125985

Eurofins Carlsbad

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
 SDG: 24E-04209

Client Sample ID: BH25-36

Lab Sample ID: 890-9171-1

Date Collected: 12/04/25 14:00

Matrix: Solid

Date Received: 12/05/25 12:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	126107	12/09/25 13:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126152	12/11/25 07:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126818	12/11/25 07:53	AJ	EET MID
Total/NA	Prep	TX_1005_S_Prep			10.04 g	10 mL	125742	12/05/25 11:21	EL	EET MID
Total/NA	Analysis	TX 1005		1	1 uL	1 uL	126430	12/11/25 22:10	FC	EET MID
Total/NA	Analysis	TX 1005		1			126505	12/11/25 22:10	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	125985	12/08/25 15:17	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126137	12/10/25 13:32	CS	EET MID

Client Sample ID: BH25-36

Lab Sample ID: 890-9171-2

Date Collected: 12/04/25 13:45

Matrix: Solid

Date Received: 12/05/25 12:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	126107	12/09/25 13:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126152	12/11/25 08:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126818	12/11/25 08:14	AJ	EET MID
Total/NA	Prep	TX_1005_S_Prep			10.03 g	10 mL	125742	12/05/25 11:21	EL	EET MID
Total/NA	Analysis	TX 1005		1	1 uL	1 uL	126430	12/11/25 22:23	FC	EET MID
Total/NA	Analysis	TX 1005		1			126505	12/11/25 22:23	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	125985	12/08/25 15:17	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	126137	12/10/25 13:49	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
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- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
TX 1005	Texas - Total Petroleum Hydrocarbon (GC)	TCEQ	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID
TX_1005_S_Prep	Extraction - Texas Total petroleum Hyrdocarbons	TCEQ	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure
- TCEQ = Texas Commission of Environmental Quality

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 890-9171-1
SDG: 24E-04209

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9171-1	BH25-36	Solid	12/04/25 14:00	12/05/25 12:15	5
890-9171-2	BH25-36	Solid	12/04/25 13:45	12/05/25 12:15	4

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Login Sample Receipt Checklist

Client: Vertex

Job Number: 890-9171-1

SDG Number: 24E-04209

Login Number: 9171

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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.	N/A	Refer to Job Narrative for details.
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	

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Login Sample Receipt Checklist

Client: Vertex

Job Number: 890-9171-1

SDG Number: 24E-04209

Login Number: 9171

List Number: 2

Creator: Dyal, Erica

List Source: Eurofins Midland

List Creation: 12/08/25 12:26 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Chad Hensley
 Vertex
 3101 Boyd Dr
 Carlsbad, New Mexico 88220

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JOB DESCRIPTION

Sand Point Reclamation Facility

JOB NUMBER

885-42224-1

Eurofins Albuquerque
 4901 Hawkins NE
 Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

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

Authorization



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Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)338-8812

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Laboratory Job ID: 885-42224-1



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	33
QC Association Summary	40
Lab Chronicle	46
Certification Summary	55
Chain of Custody	56
Receipt Checklists	59

Definitions/Glossary

Client: Vertex

Job ID: 885-42224-1

Project/Site: Sand Point Reclamation Facility

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: Sand Point Reclamation Facility

Job ID: 885-42224-1

Job ID: 885-42224-1

Eurofins Albuquerque

Job Narrative 885-42224-1

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 1/29/2026 7:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.4°C and 4.1°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

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

HPLC/IC

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

Eurofins Albuquerque



Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-01 @1'

Lab Sample ID: 885-42224-1

Date Collected: 01/22/26 08:00

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/02/26 23:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/29/26 16:07	02/02/26 23:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/29/26 16:07	02/02/26 23:12	1
Ethylbenzene	ND		0.047	mg/Kg		01/29/26 16:07	02/02/26 23:12	1
Toluene	ND		0.047	mg/Kg		01/29/26 16:07	02/02/26 23:12	1
Xylenes, Total	ND		0.095	mg/Kg		01/29/26 16:07	02/02/26 23:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/29/26 16:07	02/02/26 23:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/30/26 11:02	01/30/26 16:04	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/30/26 11:02	01/30/26 16:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			01/30/26 11:02	01/30/26 16:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		02/04/26 09:18	02/04/26 10:34	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-02 @1'

Lab Sample ID: 885-42224-2

Date Collected: 01/22/26 08:05

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 00:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/29/26 16:07	02/03/26 00:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/29/26 16:07	02/03/26 00:18	1
Ethylbenzene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 00:18	1
Toluene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 00:18	1
Xylenes, Total	ND		0.097	mg/Kg		01/29/26 16:07	02/03/26 00:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/29/26 16:07	02/03/26 00:18	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		01/30/26 11:02	01/30/26 17:14	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/30/26 11:02	01/30/26 17:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			01/30/26 11:02	01/30/26 17:14	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		50	mg/Kg		02/04/26 09:18	02/04/26 11:05	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-03 @1'

Lab Sample ID: 885-42224-3

Date Collected: 01/22/26 08:10

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 01:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/29/26 16:07	02/03/26 01:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/29/26 16:07	02/03/26 01:23	1
Ethylbenzene	ND		0.048	mg/Kg		01/29/26 16:07	02/03/26 01:23	1
Toluene	ND		0.048	mg/Kg		01/29/26 16:07	02/03/26 01:23	1
Xylenes, Total	ND		0.095	mg/Kg		01/29/26 16:07	02/03/26 01:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/29/26 16:07	02/03/26 01:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		01/30/26 11:02	01/30/26 18:01	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/30/26 11:02	01/30/26 18:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			01/30/26 11:02	01/30/26 18:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62		50	mg/Kg		02/04/26 09:18	02/04/26 11:36	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-04 @1'

Lab Sample ID: 885-42224-4

Date Collected: 01/22/26 08:15

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 01:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/29/26 16:07	02/03/26 01:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/29/26 16:07	02/03/26 01:44	1
Ethylbenzene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 01:44	1
Toluene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 01:44	1
Xylenes, Total	ND		0.099	mg/Kg		01/29/26 16:07	02/03/26 01:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/29/26 16:07	02/03/26 01:44	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		9.9	mg/Kg		01/30/26 11:02	01/30/26 18:24	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/30/26 11:02	01/30/26 18:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			01/30/26 11:02	01/30/26 18:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		50	mg/Kg		02/04/26 09:18	02/04/26 11:46	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-05 @1'

Lab Sample ID: 885-42224-5

Date Collected: 01/22/26 08:20

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 02:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/29/26 16:07	02/03/26 02:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/29/26 16:07	02/03/26 02:06	1
Ethylbenzene	ND		0.048	mg/Kg		01/29/26 16:07	02/03/26 02:06	1
Toluene	ND		0.048	mg/Kg		01/29/26 16:07	02/03/26 02:06	1
Xylenes, Total	ND		0.096	mg/Kg		01/29/26 16:07	02/03/26 02:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/29/26 16:07	02/03/26 02:06	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		9.3	mg/Kg		01/30/26 11:02	01/30/26 18:48	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/30/26 11:02	01/30/26 18:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			01/30/26 11:02	01/30/26 18:48	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58		51	mg/Kg		02/04/26 09:18	02/04/26 12:18	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-06 @1'

Lab Sample ID: 885-42224-6

Date Collected: 01/22/26 08:25

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 02:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/29/26 16:07	02/03/26 02:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		01/29/26 16:07	02/03/26 02:28	1
Ethylbenzene	ND		0.046	mg/Kg		01/29/26 16:07	02/03/26 02:28	1
Toluene	ND		0.046	mg/Kg		01/29/26 16:07	02/03/26 02:28	1
Xylenes, Total	ND		0.092	mg/Kg		01/29/26 16:07	02/03/26 02:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/29/26 16:07	02/03/26 02:28	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		9.3	mg/Kg		01/30/26 11:02	01/30/26 19:11	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/30/26 11:02	01/30/26 19:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			01/30/26 11:02	01/30/26 19:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		02/04/26 09:18	02/04/26 12:28	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-07 @1'

Lab Sample ID: 885-42224-7

Date Collected: 01/22/26 09:00

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 02:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/29/26 16:07	02/03/26 02:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		01/29/26 16:07	02/03/26 02:49	1
Ethylbenzene	ND		0.046	mg/Kg		01/29/26 16:07	02/03/26 02:49	1
Toluene	ND		0.046	mg/Kg		01/29/26 16:07	02/03/26 02:49	1
Xylenes, Total	ND		0.091	mg/Kg		01/29/26 16:07	02/03/26 02:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/29/26 16:07	02/03/26 02:49	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		01/30/26 11:02	01/30/26 19:58	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/30/26 11:02	01/30/26 19:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			01/30/26 11:02	01/30/26 19:58	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		02/04/26 09:18	02/04/26 12:38	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-08 @1'

Lab Sample ID: 885-42224-8

Date Collected: 01/22/26 09:05

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 03:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/29/26 16:07	02/03/26 03:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/29/26 16:07	02/03/26 03:11	1
Ethylbenzene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 03:11	1
Toluene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 03:11	1
Xylenes, Total	ND		0.098	mg/Kg		01/29/26 16:07	02/03/26 03:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/29/26 16:07	02/03/26 03:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		01/30/26 11:02	01/30/26 20:21	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/30/26 11:02	01/30/26 20:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			01/30/26 11:02	01/30/26 20:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80		50	mg/Kg		02/04/26 09:18	02/04/26 12:49	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-09 @5'

Lab Sample ID: 885-42224-9

Date Collected: 01/22/26 11:00

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 03:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/29/26 16:07	02/03/26 03:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/29/26 16:07	02/03/26 03:33	1
Ethylbenzene	ND		0.050	mg/Kg		01/29/26 16:07	02/03/26 03:33	1
Toluene	ND		0.050	mg/Kg		01/29/26 16:07	02/03/26 03:33	1
Xylenes, Total	ND		0.099	mg/Kg		01/29/26 16:07	02/03/26 03:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/29/26 16:07	02/03/26 03:33	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		9.3	mg/Kg		01/30/26 11:02	01/30/26 20:44	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/30/26 11:02	01/30/26 20:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			01/30/26 11:02	01/30/26 20:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49	mg/Kg		02/04/26 09:18	02/04/26 12:59	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-10 @5'

Lab Sample ID: 885-42224-10

Date Collected: 01/22/26 11:05

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 03:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/29/26 16:07	02/03/26 03:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		01/29/26 16:07	02/03/26 03:55	1
Ethylbenzene	ND		0.047	mg/Kg		01/29/26 16:07	02/03/26 03:55	1
Toluene	ND		0.047	mg/Kg		01/29/26 16:07	02/03/26 03:55	1
Xylenes, Total	ND		0.094	mg/Kg		01/29/26 16:07	02/03/26 03:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/29/26 16:07	02/03/26 03:55	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		9.9	mg/Kg		01/30/26 11:02	01/30/26 21:08	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/30/26 11:02	01/30/26 21:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			01/30/26 11:02	01/30/26 21:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		02/04/26 09:18	02/04/26 13:09	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-11 @1'

Lab Sample ID: 885-42224-11

Date Collected: 01/22/26 11:10

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 04:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/29/26 16:07	02/03/26 04:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/29/26 16:07	02/03/26 04:38	1
Ethylbenzene	ND		0.050	mg/Kg		01/29/26 16:07	02/03/26 04:38	1
Toluene	ND		0.050	mg/Kg		01/29/26 16:07	02/03/26 04:38	1
Xylenes, Total	ND		0.099	mg/Kg		01/29/26 16:07	02/03/26 04:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/29/26 16:07	02/03/26 04:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		01/30/26 11:02	01/30/26 21:31	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/30/26 11:02	01/30/26 21:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			01/30/26 11:02	01/30/26 21:31	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		02/04/26 09:18	02/04/26 13:20	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-12 @1'

Lab Sample ID: 885-42224-12

Date Collected: 01/22/26 11:15

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 04:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			01/29/26 16:07	02/03/26 04:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/29/26 16:07	02/03/26 04:59	1
Ethylbenzene	ND		0.048	mg/Kg		01/29/26 16:07	02/03/26 04:59	1
Toluene	ND		0.048	mg/Kg		01/29/26 16:07	02/03/26 04:59	1
Xylenes, Total	ND		0.096	mg/Kg		01/29/26 16:07	02/03/26 04:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/29/26 16:07	02/03/26 04:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		01/30/26 11:02	01/30/26 21:54	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/30/26 11:02	01/30/26 21:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			01/30/26 11:02	01/30/26 21:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		02/04/26 09:18	02/04/26 13:30	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-13 @1'

Lab Sample ID: 885-42224-13

Date Collected: 01/22/26 11:20

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 05:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/29/26 16:07	02/03/26 05:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/29/26 16:07	02/03/26 05:21	1
Ethylbenzene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 05:21	1
Toluene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 05:21	1
Xylenes, Total	ND		0.098	mg/Kg		01/29/26 16:07	02/03/26 05:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/29/26 16:07	02/03/26 05:21	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]	13		9.3	mg/Kg		01/30/26 11:02	01/30/26 22:17	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/30/26 11:02	01/30/26 22:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			01/30/26 11:02	01/30/26 22:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		50	mg/Kg		02/04/26 09:18	02/04/26 13:40	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-14 @1'

Lab Sample ID: 885-42224-14

Date Collected: 01/22/26 11:25

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 05:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/29/26 16:07	02/03/26 05:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/29/26 16:07	02/03/26 05:43	1
Ethylbenzene	ND		0.047	mg/Kg		01/29/26 16:07	02/03/26 05:43	1
Toluene	ND		0.047	mg/Kg		01/29/26 16:07	02/03/26 05:43	1
Xylenes, Total	ND		0.094	mg/Kg		01/29/26 16:07	02/03/26 05:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/29/26 16:07	02/03/26 05:43	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		01/30/26 11:02	01/30/26 23:04	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/30/26 11:02	01/30/26 23:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			01/30/26 11:02	01/30/26 23:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		51	mg/Kg		02/04/26 09:18	02/04/26 13:51	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-15 @1'

Lab Sample ID: 885-42224-15

Date Collected: 01/22/26 11:30

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 06:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/29/26 16:07	02/03/26 06:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/29/26 16:07	02/03/26 06:04	1
Ethylbenzene	ND		0.050	mg/Kg		01/29/26 16:07	02/03/26 06:04	1
Toluene	ND		0.050	mg/Kg		01/29/26 16:07	02/03/26 06:04	1
Xylenes, Total	ND		0.10	mg/Kg		01/29/26 16:07	02/03/26 06:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/29/26 16:07	02/03/26 06:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		01/30/26 11:02	01/30/26 23:27	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/30/26 11:02	01/30/26 23:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			01/30/26 11:02	01/30/26 23:27	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		02/04/26 09:18	02/04/26 14:22	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-16 @1'

Lab Sample ID: 885-42224-16

Date Collected: 01/22/26 11:35

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 06:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/29/26 16:07	02/03/26 06:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/29/26 16:07	02/03/26 06:26	1
Ethylbenzene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 06:26	1
Toluene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 06:26	1
Xylenes, Total	ND		0.097	mg/Kg		01/29/26 16:07	02/03/26 06:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/29/26 16:07	02/03/26 06:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		01/30/26 11:02	01/30/26 23:50	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/30/26 11:02	01/30/26 23:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			01/30/26 11:02	01/30/26 23:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		02/04/26 09:18	02/04/26 14:32	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-17 @1'

Lab Sample ID: 885-42224-17

Date Collected: 01/22/26 11:40

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 06:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/29/26 16:07	02/03/26 06:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/29/26 16:07	02/03/26 06:47	1
Ethylbenzene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 06:47	1
Toluene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 06:47	1
Xylenes, Total	ND		0.099	mg/Kg		01/29/26 16:07	02/03/26 06:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/29/26 16:07	02/03/26 06:47	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		9.4	mg/Kg		01/30/26 11:02	01/31/26 00:36	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		01/30/26 11:02	01/31/26 00:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			01/30/26 11:02	01/31/26 00:36	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		02/04/26 09:18	02/04/26 14:42	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-18 @1'

Lab Sample ID: 885-42224-18

Date Collected: 01/22/26 11:45

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 07:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/29/26 16:07	02/03/26 07:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/29/26 16:07	02/03/26 07:09	1
Ethylbenzene	ND		0.050	mg/Kg		01/29/26 16:07	02/03/26 07:09	1
Toluene	ND		0.050	mg/Kg		01/29/26 16:07	02/03/26 07:09	1
Xylenes, Total	ND		0.099	mg/Kg		01/29/26 16:07	02/03/26 07:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/29/26 16:07	02/03/26 07:09	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		9.2	mg/Kg		01/30/26 11:02	01/31/26 00:59	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/30/26 11:02	01/31/26 00:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			01/30/26 11:02	01/31/26 00:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60		51	mg/Kg		02/04/26 09:18	02/04/26 14:53	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-19 @1'

Lab Sample ID: 885-42224-19

Date Collected: 01/22/26 11:50

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 07:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/29/26 16:07	02/03/26 07:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/29/26 16:07	02/03/26 07:31	1
Ethylbenzene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 07:31	1
Toluene	ND		0.049	mg/Kg		01/29/26 16:07	02/03/26 07:31	1
Xylenes, Total	ND		0.097	mg/Kg		01/29/26 16:07	02/03/26 07:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/29/26 16:07	02/03/26 07:31	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		01/30/26 11:02	01/31/26 01:23	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/30/26 11:02	01/31/26 01:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			01/30/26 11:02	01/31/26 01:23	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		02/04/26 09:18	02/04/26 15:03	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-20 @1'

Lab Sample ID: 885-42224-20

Date Collected: 01/22/26 12:00

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/29/26 16:07	02/03/26 07:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			01/29/26 16:07	02/03/26 07:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/29/26 16:07	02/03/26 07:53	1
Ethylbenzene	ND		0.050	mg/Kg		01/29/26 16:07	02/03/26 07:53	1
Toluene	ND		0.050	mg/Kg		01/29/26 16:07	02/03/26 07:53	1
Xylenes, Total	ND		0.10	mg/Kg		01/29/26 16:07	02/03/26 07:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/29/26 16:07	02/03/26 07:53	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		9.1	mg/Kg		01/30/26 11:02	01/31/26 01:46	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/30/26 11:02	01/31/26 01:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			01/30/26 11:02	01/31/26 01:46	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		49	mg/Kg		02/04/26 09:18	02/04/26 15:13	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: WS26-01 @0-1'

Lab Sample ID: 885-42224-21

Date Collected: 01/22/26 12:05

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/31/26 12:41	02/03/26 10:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			01/31/26 12:41	02/03/26 10:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/31/26 12:41	02/03/26 10:02	1
Ethylbenzene	ND		0.049	mg/Kg		01/31/26 12:41	02/03/26 10:02	1
Toluene	ND		0.049	mg/Kg		01/31/26 12:41	02/03/26 10:02	1
Xylenes, Total	ND		0.099	mg/Kg		01/31/26 12:41	02/03/26 10:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		15 - 150			01/31/26 12:41	02/03/26 10:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		02/02/26 10:37	02/02/26 14:51	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/02/26 10:37	02/02/26 14:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			02/02/26 10:37	02/02/26 14:51	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		02/05/26 08:29	02/05/26 16:24	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: WS26-02 @0-1'

Lab Sample ID: 885-42224-22

Date Collected: 01/22/26 12:10

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/31/26 12:41	02/03/26 11:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			01/31/26 12:41	02/03/26 11:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/31/26 12:41	02/03/26 11:13	1
Ethylbenzene	ND		0.048	mg/Kg		01/31/26 12:41	02/03/26 11:13	1
Toluene	ND		0.048	mg/Kg		01/31/26 12:41	02/03/26 11:13	1
Xylenes, Total	ND		0.097	mg/Kg		01/31/26 12:41	02/03/26 11:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		15 - 150			01/31/26 12:41	02/03/26 11:13	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		9.5	mg/Kg		02/02/26 10:37	02/02/26 15:15	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/02/26 10:37	02/02/26 15:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			02/02/26 10:37	02/02/26 15:15	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		02/05/26 08:29	02/05/26 16:55	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: WS26-03 @0-5'

Lab Sample ID: 885-42224-23

Date Collected: 01/22/26 12:15

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/31/26 12:41	02/03/26 12:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			01/31/26 12:41	02/03/26 12:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/31/26 12:41	02/03/26 12:25	1
Ethylbenzene	ND		0.047	mg/Kg		01/31/26 12:41	02/03/26 12:25	1
Toluene	ND		0.047	mg/Kg		01/31/26 12:41	02/03/26 12:25	1
Xylenes, Total	ND		0.095	mg/Kg		01/31/26 12:41	02/03/26 12:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		15 - 150			01/31/26 12:41	02/03/26 12:25	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		9.6	mg/Kg		02/02/26 10:37	02/02/26 15:39	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/02/26 10:37	02/02/26 15:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			02/02/26 10:37	02/02/26 15:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		02/05/26 08:29	02/05/26 17:26	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: WS26-04 @0-5'

Lab Sample ID: 885-42224-24

Date Collected: 01/22/26 12:20

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/31/26 12:41	02/03/26 15:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		15 - 150			01/31/26 12:41	02/03/26 15:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		01/31/26 12:41	02/03/26 15:12	1
Ethylbenzene	ND		0.048	mg/Kg		01/31/26 12:41	02/03/26 15:12	1
Toluene	ND		0.048	mg/Kg		01/31/26 12:41	02/03/26 15:12	1
Xylenes, Total	ND		0.096	mg/Kg		01/31/26 12:41	02/03/26 15:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		15 - 150			01/31/26 12:41	02/03/26 15:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		02/02/26 10:37	02/02/26 16:02	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/02/26 10:37	02/02/26 16:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			02/02/26 10:37	02/02/26 16:02	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		02/05/26 08:29	02/05/26 17:36	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: WS26-05 @0-1'

Lab Sample ID: 885-42224-25

Date Collected: 01/22/26 12:25

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/31/26 12:41	02/03/26 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150			01/31/26 12:41	02/03/26 15:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/31/26 12:41	02/03/26 15:59	1
Ethylbenzene	ND		0.049	mg/Kg		01/31/26 12:41	02/03/26 15:59	1
Toluene	ND		0.049	mg/Kg		01/31/26 12:41	02/03/26 15:59	1
Xylenes, Total	ND		0.098	mg/Kg		01/31/26 12:41	02/03/26 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		15 - 150			01/31/26 12:41	02/03/26 15:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		02/02/26 10:37	02/02/26 16:26	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/02/26 10:37	02/02/26 16:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			02/02/26 10:37	02/02/26 16:26	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		51	mg/Kg		02/05/26 08:29	02/05/26 18:07	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: WS26-06 @0-1'

Lab Sample ID: 885-42224-26

Date Collected: 01/22/26 12:40

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/31/26 12:41	02/03/26 16:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		15 - 150			01/31/26 12:41	02/03/26 16:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/31/26 12:41	02/03/26 16:23	1
Ethylbenzene	ND		0.050	mg/Kg		01/31/26 12:41	02/03/26 16:23	1
Toluene	ND		0.050	mg/Kg		01/31/26 12:41	02/03/26 16:23	1
Xylenes, Total	ND		0.10	mg/Kg		01/31/26 12:41	02/03/26 16:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		15 - 150			01/31/26 12:41	02/03/26 16:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		02/02/26 10:37	02/02/26 16:50	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/02/26 10:37	02/02/26 16:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			02/02/26 10:37	02/02/26 16:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75		50	mg/Kg		02/05/26 08:29	02/05/26 18:18	10

Client Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: Caliche-6f

Lab Sample ID: 885-42224-27

Date Collected: 01/22/26 13:00

Matrix: Solid

Date Received: 01/29/26 07:55

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		01/31/26 12:41	02/03/26 16:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		15 - 150			01/31/26 12:41	02/03/26 16:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		01/31/26 12:41	02/03/26 16:47	1
Ethylbenzene	ND		0.046	mg/Kg		01/31/26 12:41	02/03/26 16:47	1
Toluene	ND		0.046	mg/Kg		01/31/26 12:41	02/03/26 16:47	1
Xylenes, Total	ND		0.093	mg/Kg		01/31/26 12:41	02/03/26 16:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		15 - 150			01/31/26 12:41	02/03/26 16:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		02/02/26 10:37	02/02/26 17:13	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/02/26 10:37	02/02/26 17:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			02/02/26 10:37	02/02/26 17:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		02/05/26 08:29	02/05/26 18:28	10

QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

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

Lab Sample ID: MB 885-42243/1-A
 Matrix: Solid
 Analysis Batch: 42415

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 42243

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/29/26 16:07	02/02/26 22:50	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			01/29/26 16:07	02/02/26 22:50	1

Lab Sample ID: LCS 885-42243/2-A
 Matrix: Solid
 Analysis Batch: 42415

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 42243

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	28.4		mg/Kg		114	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	233		15 - 150				

Lab Sample ID: 885-42224-1 MS
 Matrix: Solid
 Analysis Batch: 42415

Client Sample ID: BS26-01 @1'
 Prep Type: Total/NA
 Prep Batch: 42243

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		23.6	24.9		mg/Kg		106	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	233		15 - 150						

Lab Sample ID: 885-42224-1 MSD
 Matrix: Solid
 Analysis Batch: 42415

Client Sample ID: BS26-01 @1'
 Prep Type: Total/NA
 Prep Batch: 42243

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		23.8	23.4		mg/Kg		98	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	232		15 - 150								

Lab Sample ID: MB 885-42331/1-A
 Matrix: Solid
 Analysis Batch: 42427

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 42331

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/31/26 12:41	02/03/26 09:38	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			01/31/26 12:41	02/03/26 09:38	1

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QC Sample Results

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

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

Lab Sample ID: LCS 885-42331/2-A
Matrix: Solid
Analysis Batch: 42427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42331

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	29.8		mg/Kg		119	70 - 130
Surrogate		LCS %Recovery	LCS Qualifier				Limits
4-Bromofluorobenzene (Surr)		203					15 - 150

Lab Sample ID: 885-42224-21 MS
Matrix: Solid
Analysis Batch: 42427

Client Sample ID: WS26-01 @0-1'
Prep Type: Total/NA
Prep Batch: 42331

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		23.7	22.9		mg/Kg		96	70 - 130
Surrogate		MS %Recovery		MS Qualifier					Limits
4-Bromofluorobenzene (Surr)		195							15 - 150

Lab Sample ID: 885-42224-21 MSD
Matrix: Solid
Analysis Batch: 42427

Client Sample ID: WS26-01 @0-1'
Prep Type: Total/NA
Prep Batch: 42331

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		23.7	25.2		mg/Kg		106	70 - 130	10	20
Surrogate		MSD %Recovery		MSD Qualifier					Limits		
4-Bromofluorobenzene (Surr)		192							15 - 150		

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-42243/1-A
Matrix: Solid
Analysis Batch: 42414

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42243

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		01/29/26 16:07	02/02/26 22:50	1
Ethylbenzene	ND		0.050	mg/Kg		01/29/26 16:07	02/02/26 22:50	1
Toluene	ND		0.050	mg/Kg		01/29/26 16:07	02/02/26 22:50	1
Xylenes, Total	ND		0.10	mg/Kg		01/29/26 16:07	02/02/26 22:50	1
Surrogate		MB %Recovery				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		98				01/29/26 16:07	02/02/26 22:50	1

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

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

Lab Sample ID: LCS 885-42243/3-A
 Matrix: Solid
 Analysis Batch: 42414

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 42243

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	1.00	1.01		mg/Kg		101	70 - 130	
Ethylbenzene	1.00	1.04		mg/Kg		104	70 - 130	
Toluene	1.00	1.01		mg/Kg		101	70 - 130	
Xylenes, Total	3.00	3.16		mg/Kg		105	70 - 130	
LCS LCS								
Surrogate	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	99		15 - 150					

Lab Sample ID: 885-42224-2 MS
 Matrix: Solid
 Analysis Batch: 42414

Client Sample ID: BS26-02 @1'
 Prep Type: Total/NA
 Prep Batch: 42243

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	ND		0.970	0.969		mg/Kg		100	70 - 130	
Ethylbenzene	ND		0.970	1.06		mg/Kg		109	70 - 130	
Toluene	ND		0.970	1.01		mg/Kg		105	70 - 130	
Xylenes, Total	ND		2.91	3.19		mg/Kg		110	70 - 130	
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	99		15 - 150							

Lab Sample ID: 885-42224-2 MSD
 Matrix: Solid
 Analysis Batch: 42414

Client Sample ID: BS26-02 @1'
 Prep Type: Total/NA
 Prep Batch: 42243

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	
											RPD	Limit
Benzene	ND		0.966	1.01		mg/Kg		105	70 - 130	4	20	
Ethylbenzene	ND		0.966	1.05		mg/Kg		108	70 - 130	1	20	
Toluene	ND		0.966	1.01		mg/Kg		105	70 - 130	0	20	
Xylenes, Total	ND		2.90	3.17		mg/Kg		109	70 - 130	1	20	
MSD MSD												
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	100		15 - 150									

Lab Sample ID: MB 885-42331/1-A
 Matrix: Solid
 Analysis Batch: 42428

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 42331

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.025	mg/Kg		01/31/26 12:41	02/03/26 09:38	1
Ethylbenzene	ND		0.050	mg/Kg		01/31/26 12:41	02/03/26 09:38	1
Toluene	ND		0.050	mg/Kg		01/31/26 12:41	02/03/26 09:38	1
Xylenes, Total	ND		0.10	mg/Kg		01/31/26 12:41	02/03/26 09:38	1
MB MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	84		15 - 150	01/31/26 12:41	02/03/26 09:38	1		

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

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

Lab Sample ID: LCS 885-42331/3-A
 Matrix: Solid
 Analysis Batch: 42428

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 42331

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	1.00	1.01		mg/Kg		101	70 - 130	
Ethylbenzene	1.00	1.04		mg/Kg		104	70 - 130	
Toluene	1.00	1.03		mg/Kg		103	70 - 130	
Xylenes, Total	3.00	3.10		mg/Kg		103	70 - 130	
LCS LCS								
Surrogate	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	92		15 - 150					

Lab Sample ID: 885-42224-22 MS
 Matrix: Solid
 Analysis Batch: 42428

Client Sample ID: WS26-02 @0-1'
 Prep Type: Total/NA
 Prep Batch: 42331

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	ND		0.946	0.870		mg/Kg		92	70 - 130	
Ethylbenzene	ND		0.946	0.913		mg/Kg		96	70 - 130	
Toluene	ND		0.946	0.893		mg/Kg		94	70 - 130	
Xylenes, Total	ND		2.84	2.78		mg/Kg		97	70 - 130	
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	87		15 - 150							

Lab Sample ID: 885-42224-22 MSD
 Matrix: Solid
 Analysis Batch: 42428

Client Sample ID: WS26-02 @0-1'
 Prep Type: Total/NA
 Prep Batch: 42331

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
Benzene	ND		0.947	0.861		mg/Kg		91	70 - 130	1	20	
Ethylbenzene	ND		0.947	0.917		mg/Kg		97	70 - 130	0	20	
Toluene	ND		0.947	0.910		mg/Kg		96	70 - 130	2	20	
Xylenes, Total	ND		2.84	2.74		mg/Kg		96	70 - 130	1	20	
MSD MSD												
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	89		15 - 150									

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

Lab Sample ID: MB 885-42286/1-A
 Matrix: Solid
 Analysis Batch: 42266

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 42286

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/30/26 11:02	01/30/26 15:17	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/30/26 11:02	01/30/26 15:17	1
MB MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
Di-n-octyl phthalate (Surr)	88		62 - 134	01/30/26 11:02	01/30/26 15:17	1		

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

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

Lab Sample ID: LCS 885-42286/2-A
Matrix: Solid
Analysis Batch: 42266

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42286

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	58.4		mg/Kg		117	51 - 148
Surrogate		LCS %Recovery	LCS Qualifier				Limits
Di-n-octyl phthalate (Surr)		91					62 - 134

Lab Sample ID: 885-42224-1 MS
Matrix: Solid
Analysis Batch: 42266

Client Sample ID: BS26-01 @1'
Prep Type: Total/NA
Prep Batch: 42286

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		48.7	54.4		mg/Kg		112	44 - 136
Surrogate		MS %Recovery		MS Qualifier					Limits
Di-n-octyl phthalate (Surr)		93							62 - 134

Lab Sample ID: 885-42224-1 MSD
Matrix: Solid
Analysis Batch: 42266

Client Sample ID: BS26-01 @1'
Prep Type: Total/NA
Prep Batch: 42286

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		48.8	55.0		mg/Kg		113	44 - 136	1	32
Surrogate		MSD %Recovery		MSD Qualifier					Limits		
Di-n-octyl phthalate (Surr)		93							62 - 134		

Lab Sample ID: MB 885-42374/1-A
Matrix: Solid
Analysis Batch: 42357

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42374

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		02/02/26 10:37	02/02/26 14:04	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/02/26 10:37	02/02/26 14:04	1
Surrogate		MB %Recovery				Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)		96				02/02/26 10:37	02/02/26 14:04	1

Lab Sample ID: LCS 885-42374/2-A
Matrix: Solid
Analysis Batch: 42357

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42374

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	54.8		mg/Kg		110	51 - 148

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

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

Lab Sample ID: LCS 885-42374/2-A
 Matrix: Solid
 Analysis Batch: 42357

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 42374

Surrogate	%Recovery	LCS Qualifier	LCS Limits
Di-n-octyl phthalate (Surr)	104		62 - 134

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-42499/1-A
 Matrix: Solid
 Analysis Batch: 42502

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 42499

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		02/04/26 09:18	02/04/26 10:13	1

Lab Sample ID: LCS 885-42499/2-A
 Matrix: Solid
 Analysis Batch: 42502

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 42499

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.7	48.2		mg/Kg		97	90 - 110

Lab Sample ID: 885-42224-1 MS
 Matrix: Solid
 Analysis Batch: 42502

Client Sample ID: BS26-01 @1'
 Prep Type: Total/NA
 Prep Batch: 42499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	ND		50.0	63.7		mg/Kg		127	50 - 150

Lab Sample ID: 885-42224-1 MSD
 Matrix: Solid
 Analysis Batch: 42502

Client Sample ID: BS26-01 @1'
 Prep Type: Total/NA
 Prep Batch: 42499

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.7	63.3		mg/Kg		NC	50 - 150	1	20

Lab Sample ID: 885-42224-2 MS
 Matrix: Solid
 Analysis Batch: 42502

Client Sample ID: BS26-02 @1'
 Prep Type: Total/NA
 Prep Batch: 42499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	110		50.0	167		mg/Kg		119	50 - 150

Lab Sample ID: 885-42224-2 MSD
 Matrix: Solid
 Analysis Batch: 42502

Client Sample ID: BS26-02 @1'
 Prep Type: Total/NA
 Prep Batch: 42499

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	110		49.5	157		mg/Kg		100	50 - 150	6	20

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QC Sample Results

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-42568/1-A
 Matrix: Solid
 Analysis Batch: 42610

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 42568

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		02/05/26 08:29	02/05/26 16:03	1

Lab Sample ID: LCS 885-42568/2-A
 Matrix: Solid
 Analysis Batch: 42610

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 42568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.5	49.0		mg/Kg		99	90 - 110

Lab Sample ID: 885-42224-21 MS
 Matrix: Solid
 Analysis Batch: 42610

Client Sample ID: WS26-01 @0-1'
 Prep Type: Total/NA
 Prep Batch: 42568

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	ND		50.7	66.9		mg/Kg		NC	50 - 150

Lab Sample ID: 885-42224-21 MSD
 Matrix: Solid
 Analysis Batch: 42610

Client Sample ID: WS26-01 @0-1'
 Prep Type: Total/NA
 Prep Batch: 42568

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		49.8	62.9		mg/Kg		NC	50 - 150	6	20

Lab Sample ID: 885-42224-22 MS
 Matrix: Solid
 Analysis Batch: 42610

Client Sample ID: WS26-02 @0-1'
 Prep Type: Total/NA
 Prep Batch: 42568

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	ND		50.3	67.4		mg/Kg		134	50 - 150

Lab Sample ID: 885-42224-22 MSD
 Matrix: Solid
 Analysis Batch: 42610

Client Sample ID: WS26-02 @0-1'
 Prep Type: Total/NA
 Prep Batch: 42568

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.5	69.2		mg/Kg		NC	50 - 150	3	20

QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

GC VOA

Prep Batch: 42243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-1	BS26-01 @1'	Total/NA	Solid	5030C	
885-42224-2	BS26-02 @1'	Total/NA	Solid	5030C	
885-42224-3	BS26-03 @1'	Total/NA	Solid	5030C	
885-42224-4	BS26-04 @1'	Total/NA	Solid	5030C	
885-42224-5	BS26-05 @1'	Total/NA	Solid	5030C	
885-42224-6	BS26-06 @1'	Total/NA	Solid	5030C	
885-42224-7	BS26-07 @1'	Total/NA	Solid	5030C	
885-42224-8	BS26-08 @1'	Total/NA	Solid	5030C	
885-42224-9	BS26-09 @5'	Total/NA	Solid	5030C	
885-42224-10	BS26-10 @5'	Total/NA	Solid	5030C	
885-42224-11	BS26-11 @1'	Total/NA	Solid	5030C	
885-42224-12	BS26-12 @1'	Total/NA	Solid	5030C	
885-42224-13	BS26-13 @1'	Total/NA	Solid	5030C	
885-42224-14	BS26-14 @1'	Total/NA	Solid	5030C	
885-42224-15	BS26-15 @1'	Total/NA	Solid	5030C	
885-42224-16	BS26-16 @1'	Total/NA	Solid	5030C	
885-42224-17	BS26-17 @1'	Total/NA	Solid	5030C	
885-42224-18	BS26-18 @1'	Total/NA	Solid	5030C	
885-42224-19	BS26-19 @1'	Total/NA	Solid	5030C	
885-42224-20	BS26-20 @1'	Total/NA	Solid	5030C	
MB 885-42243/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-42243/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-42243/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-42224-1 MS	BS26-01 @1'	Total/NA	Solid	5030C	
885-42224-1 MSD	BS26-01 @1'	Total/NA	Solid	5030C	
885-42224-2 MS	BS26-02 @1'	Total/NA	Solid	5030C	
885-42224-2 MSD	BS26-02 @1'	Total/NA	Solid	5030C	

Prep Batch: 42331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-21	WS26-01 @0-1'	Total/NA	Solid	5030C	
885-42224-22	WS26-02 @0-1'	Total/NA	Solid	5030C	
885-42224-23	WS26-03 @0-5'	Total/NA	Solid	5030C	
885-42224-24	WS26-04 @0-5'	Total/NA	Solid	5030C	
885-42224-25	WS26-05 @0-1'	Total/NA	Solid	5030C	
885-42224-26	WS26-06 @0-1'	Total/NA	Solid	5030C	
885-42224-27	Caliche-6f	Total/NA	Solid	5030C	
MB 885-42331/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-42331/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-42331/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-42224-21 MS	WS26-01 @0-1'	Total/NA	Solid	5030C	
885-42224-21 MSD	WS26-01 @0-1'	Total/NA	Solid	5030C	
885-42224-22 MS	WS26-02 @0-1'	Total/NA	Solid	5030C	
885-42224-22 MSD	WS26-02 @0-1'	Total/NA	Solid	5030C	

Analysis Batch: 42414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-1	BS26-01 @1'	Total/NA	Solid	8021B	42243
885-42224-2	BS26-02 @1'	Total/NA	Solid	8021B	42243
885-42224-3	BS26-03 @1'	Total/NA	Solid	8021B	42243
885-42224-4	BS26-04 @1'	Total/NA	Solid	8021B	42243

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

GC VOA (Continued)

Analysis Batch: 42414 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-5	BS26-05 @1'	Total/NA	Solid	8021B	42243
885-42224-6	BS26-06 @1'	Total/NA	Solid	8021B	42243
885-42224-7	BS26-07 @1'	Total/NA	Solid	8021B	42243
885-42224-8	BS26-08 @1'	Total/NA	Solid	8021B	42243
885-42224-9	BS26-09 @5'	Total/NA	Solid	8021B	42243
885-42224-10	BS26-10 @5'	Total/NA	Solid	8021B	42243
885-42224-11	BS26-11 @1'	Total/NA	Solid	8021B	42243
885-42224-12	BS26-12 @1'	Total/NA	Solid	8021B	42243
885-42224-13	BS26-13 @1'	Total/NA	Solid	8021B	42243
885-42224-14	BS26-14 @1'	Total/NA	Solid	8021B	42243
885-42224-15	BS26-15 @1'	Total/NA	Solid	8021B	42243
885-42224-16	BS26-16 @1'	Total/NA	Solid	8021B	42243
885-42224-17	BS26-17 @1'	Total/NA	Solid	8021B	42243
885-42224-18	BS26-18 @1'	Total/NA	Solid	8021B	42243
885-42224-19	BS26-19 @1'	Total/NA	Solid	8021B	42243
885-42224-20	BS26-20 @1'	Total/NA	Solid	8021B	42243
MB 885-42243/1-A	Method Blank	Total/NA	Solid	8021B	42243
LCS 885-42243/3-A	Lab Control Sample	Total/NA	Solid	8021B	42243
885-42224-2 MS	BS26-02 @1'	Total/NA	Solid	8021B	42243
885-42224-2 MSD	BS26-02 @1'	Total/NA	Solid	8021B	42243

Analysis Batch: 42415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-1	BS26-01 @1'	Total/NA	Solid	8015M/D	42243
885-42224-2	BS26-02 @1'	Total/NA	Solid	8015M/D	42243
885-42224-3	BS26-03 @1'	Total/NA	Solid	8015M/D	42243
885-42224-4	BS26-04 @1'	Total/NA	Solid	8015M/D	42243
885-42224-5	BS26-05 @1'	Total/NA	Solid	8015M/D	42243
885-42224-6	BS26-06 @1'	Total/NA	Solid	8015M/D	42243
885-42224-7	BS26-07 @1'	Total/NA	Solid	8015M/D	42243
885-42224-8	BS26-08 @1'	Total/NA	Solid	8015M/D	42243
885-42224-9	BS26-09 @5'	Total/NA	Solid	8015M/D	42243
885-42224-10	BS26-10 @5'	Total/NA	Solid	8015M/D	42243
885-42224-11	BS26-11 @1'	Total/NA	Solid	8015M/D	42243
885-42224-12	BS26-12 @1'	Total/NA	Solid	8015M/D	42243
885-42224-13	BS26-13 @1'	Total/NA	Solid	8015M/D	42243
885-42224-14	BS26-14 @1'	Total/NA	Solid	8015M/D	42243
885-42224-15	BS26-15 @1'	Total/NA	Solid	8015M/D	42243
885-42224-16	BS26-16 @1'	Total/NA	Solid	8015M/D	42243
885-42224-17	BS26-17 @1'	Total/NA	Solid	8015M/D	42243
885-42224-18	BS26-18 @1'	Total/NA	Solid	8015M/D	42243
885-42224-19	BS26-19 @1'	Total/NA	Solid	8015M/D	42243
885-42224-20	BS26-20 @1'	Total/NA	Solid	8015M/D	42243
MB 885-42243/1-A	Method Blank	Total/NA	Solid	8015M/D	42243
LCS 885-42243/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	42243
885-42224-1 MS	BS26-01 @1'	Total/NA	Solid	8015M/D	42243
885-42224-1 MSD	BS26-01 @1'	Total/NA	Solid	8015M/D	42243

Analysis Batch: 42427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-21	WS26-01 @0-1'	Total/NA	Solid	8015M/D	42331

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

GC VOA (Continued)

Analysis Batch: 42427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-22	WS26-02 @0-1'	Total/NA	Solid	8015M/D	42331
885-42224-23	WS26-03 @0-5'	Total/NA	Solid	8015M/D	42331
885-42224-24	WS26-04 @0-5'	Total/NA	Solid	8015M/D	42331
885-42224-25	WS26-05 @0-1'	Total/NA	Solid	8015M/D	42331
885-42224-26	WS26-06 @0-1'	Total/NA	Solid	8015M/D	42331
885-42224-27	Caliche-6f	Total/NA	Solid	8015M/D	42331
MB 885-42331/1-A	Method Blank	Total/NA	Solid	8015M/D	42331
LCS 885-42331/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	42331
885-42224-21 MS	WS26-01 @0-1'	Total/NA	Solid	8015M/D	42331
885-42224-21 MSD	WS26-01 @0-1'	Total/NA	Solid	8015M/D	42331

Analysis Batch: 42428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-21	WS26-01 @0-1'	Total/NA	Solid	8021B	42331
885-42224-22	WS26-02 @0-1'	Total/NA	Solid	8021B	42331
885-42224-23	WS26-03 @0-5'	Total/NA	Solid	8021B	42331
885-42224-24	WS26-04 @0-5'	Total/NA	Solid	8021B	42331
885-42224-25	WS26-05 @0-1'	Total/NA	Solid	8021B	42331
885-42224-26	WS26-06 @0-1'	Total/NA	Solid	8021B	42331
885-42224-27	Caliche-6f	Total/NA	Solid	8021B	42331
MB 885-42331/1-A	Method Blank	Total/NA	Solid	8021B	42331
LCS 885-42331/3-A	Lab Control Sample	Total/NA	Solid	8021B	42331
885-42224-22 MS	WS26-02 @0-1'	Total/NA	Solid	8021B	42331
885-42224-22 MSD	WS26-02 @0-1'	Total/NA	Solid	8021B	42331

GC Semi VOA

Analysis Batch: 42266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-1	BS26-01 @1'	Total/NA	Solid	8015M/D	42286
885-42224-2	BS26-02 @1'	Total/NA	Solid	8015M/D	42286
885-42224-3	BS26-03 @1'	Total/NA	Solid	8015M/D	42286
885-42224-4	BS26-04 @1'	Total/NA	Solid	8015M/D	42286
885-42224-5	BS26-05 @1'	Total/NA	Solid	8015M/D	42286
885-42224-6	BS26-06 @1'	Total/NA	Solid	8015M/D	42286
885-42224-7	BS26-07 @1'	Total/NA	Solid	8015M/D	42286
885-42224-8	BS26-08 @1'	Total/NA	Solid	8015M/D	42286
885-42224-9	BS26-09 @5'	Total/NA	Solid	8015M/D	42286
885-42224-10	BS26-10 @5'	Total/NA	Solid	8015M/D	42286
885-42224-11	BS26-11 @1'	Total/NA	Solid	8015M/D	42286
885-42224-12	BS26-12 @1'	Total/NA	Solid	8015M/D	42286
885-42224-13	BS26-13 @1'	Total/NA	Solid	8015M/D	42286
885-42224-14	BS26-14 @1'	Total/NA	Solid	8015M/D	42286
885-42224-15	BS26-15 @1'	Total/NA	Solid	8015M/D	42286
885-42224-16	BS26-16 @1'	Total/NA	Solid	8015M/D	42286
885-42224-17	BS26-17 @1'	Total/NA	Solid	8015M/D	42286
885-42224-18	BS26-18 @1'	Total/NA	Solid	8015M/D	42286
885-42224-19	BS26-19 @1'	Total/NA	Solid	8015M/D	42286
885-42224-20	BS26-20 @1'	Total/NA	Solid	8015M/D	42286
MB 885-42286/1-A	Method Blank	Total/NA	Solid	8015M/D	42286
LCS 885-42286/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	42286

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

GC Semi VOA (Continued)

Analysis Batch: 42266 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-1 MS	BS26-01 @1'	Total/NA	Solid	8015M/D	42286
885-42224-1 MSD	BS26-01 @1'	Total/NA	Solid	8015M/D	42286

Prep Batch: 42286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-1	BS26-01 @1'	Total/NA	Solid	SHAKE	
885-42224-2	BS26-02 @1'	Total/NA	Solid	SHAKE	
885-42224-3	BS26-03 @1'	Total/NA	Solid	SHAKE	
885-42224-4	BS26-04 @1'	Total/NA	Solid	SHAKE	
885-42224-5	BS26-05 @1'	Total/NA	Solid	SHAKE	
885-42224-6	BS26-06 @1'	Total/NA	Solid	SHAKE	
885-42224-7	BS26-07 @1'	Total/NA	Solid	SHAKE	
885-42224-8	BS26-08 @1'	Total/NA	Solid	SHAKE	
885-42224-9	BS26-09 @5'	Total/NA	Solid	SHAKE	
885-42224-10	BS26-10 @5'	Total/NA	Solid	SHAKE	
885-42224-11	BS26-11 @1'	Total/NA	Solid	SHAKE	
885-42224-12	BS26-12 @1'	Total/NA	Solid	SHAKE	
885-42224-13	BS26-13 @1'	Total/NA	Solid	SHAKE	
885-42224-14	BS26-14 @1'	Total/NA	Solid	SHAKE	
885-42224-15	BS26-15 @1'	Total/NA	Solid	SHAKE	
885-42224-16	BS26-16 @1'	Total/NA	Solid	SHAKE	
885-42224-17	BS26-17 @1'	Total/NA	Solid	SHAKE	
885-42224-18	BS26-18 @1'	Total/NA	Solid	SHAKE	
885-42224-19	BS26-19 @1'	Total/NA	Solid	SHAKE	
885-42224-20	BS26-20 @1'	Total/NA	Solid	SHAKE	
MB 885-42286/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-42286/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-42224-1 MS	BS26-01 @1'	Total/NA	Solid	SHAKE	
885-42224-1 MSD	BS26-01 @1'	Total/NA	Solid	SHAKE	

Analysis Batch: 42357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-21	WS26-01 @0-1'	Total/NA	Solid	8015M/D	42374
885-42224-22	WS26-02 @0-1'	Total/NA	Solid	8015M/D	42374
885-42224-23	WS26-03 @0-5'	Total/NA	Solid	8015M/D	42374
885-42224-24	WS26-04 @0-5'	Total/NA	Solid	8015M/D	42374
885-42224-25	WS26-05 @0-1'	Total/NA	Solid	8015M/D	42374
885-42224-26	WS26-06 @0-1'	Total/NA	Solid	8015M/D	42374
885-42224-27	Caliche-6f	Total/NA	Solid	8015M/D	42374
MB 885-42374/1-A	Method Blank	Total/NA	Solid	8015M/D	42374
LCS 885-42374/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	42374

Prep Batch: 42374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-21	WS26-01 @0-1'	Total/NA	Solid	SHAKE	
885-42224-22	WS26-02 @0-1'	Total/NA	Solid	SHAKE	
885-42224-23	WS26-03 @0-5'	Total/NA	Solid	SHAKE	
885-42224-24	WS26-04 @0-5'	Total/NA	Solid	SHAKE	
885-42224-25	WS26-05 @0-1'	Total/NA	Solid	SHAKE	
885-42224-26	WS26-06 @0-1'	Total/NA	Solid	SHAKE	
885-42224-27	Caliche-6f	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

GC Semi VOA (Continued)

Prep Batch: 42374 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-42374/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-42374/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 42499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-1	BS26-01 @1'	Total/NA	Solid	300_Prep	
885-42224-2	BS26-02 @1'	Total/NA	Solid	300_Prep	
885-42224-3	BS26-03 @1'	Total/NA	Solid	300_Prep	
885-42224-4	BS26-04 @1'	Total/NA	Solid	300_Prep	
885-42224-5	BS26-05 @1'	Total/NA	Solid	300_Prep	
885-42224-6	BS26-06 @1'	Total/NA	Solid	300_Prep	
885-42224-7	BS26-07 @1'	Total/NA	Solid	300_Prep	
885-42224-8	BS26-08 @1'	Total/NA	Solid	300_Prep	
885-42224-9	BS26-09 @5'	Total/NA	Solid	300_Prep	
885-42224-10	BS26-10 @5'	Total/NA	Solid	300_Prep	
885-42224-11	BS26-11 @1'	Total/NA	Solid	300_Prep	
885-42224-12	BS26-12 @1'	Total/NA	Solid	300_Prep	
885-42224-13	BS26-13 @1'	Total/NA	Solid	300_Prep	
885-42224-14	BS26-14 @1'	Total/NA	Solid	300_Prep	
885-42224-15	BS26-15 @1'	Total/NA	Solid	300_Prep	
885-42224-16	BS26-16 @1'	Total/NA	Solid	300_Prep	
885-42224-17	BS26-17 @1'	Total/NA	Solid	300_Prep	
885-42224-18	BS26-18 @1'	Total/NA	Solid	300_Prep	
885-42224-19	BS26-19 @1'	Total/NA	Solid	300_Prep	
885-42224-20	BS26-20 @1'	Total/NA	Solid	300_Prep	
MB 885-42499/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-42499/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-42224-1 MS	BS26-01 @1'	Total/NA	Solid	300_Prep	
885-42224-1 MSD	BS26-01 @1'	Total/NA	Solid	300_Prep	
885-42224-2 MS	BS26-02 @1'	Total/NA	Solid	300_Prep	
885-42224-2 MSD	BS26-02 @1'	Total/NA	Solid	300_Prep	

Analysis Batch: 42502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-1	BS26-01 @1'	Total/NA	Solid	300.0	42499
885-42224-2	BS26-02 @1'	Total/NA	Solid	300.0	42499
885-42224-3	BS26-03 @1'	Total/NA	Solid	300.0	42499
885-42224-4	BS26-04 @1'	Total/NA	Solid	300.0	42499
885-42224-5	BS26-05 @1'	Total/NA	Solid	300.0	42499
885-42224-6	BS26-06 @1'	Total/NA	Solid	300.0	42499
885-42224-7	BS26-07 @1'	Total/NA	Solid	300.0	42499
885-42224-8	BS26-08 @1'	Total/NA	Solid	300.0	42499
885-42224-9	BS26-09 @5'	Total/NA	Solid	300.0	42499
885-42224-10	BS26-10 @5'	Total/NA	Solid	300.0	42499
885-42224-11	BS26-11 @1'	Total/NA	Solid	300.0	42499
885-42224-12	BS26-12 @1'	Total/NA	Solid	300.0	42499
885-42224-13	BS26-13 @1'	Total/NA	Solid	300.0	42499
885-42224-14	BS26-14 @1'	Total/NA	Solid	300.0	42499
885-42224-15	BS26-15 @1'	Total/NA	Solid	300.0	42499

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

HPLC/IC (Continued)

Analysis Batch: 42502 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-16	BS26-16 @1'	Total/NA	Solid	300.0	42499
885-42224-17	BS26-17 @1'	Total/NA	Solid	300.0	42499
885-42224-18	BS26-18 @1'	Total/NA	Solid	300.0	42499
885-42224-19	BS26-19 @1'	Total/NA	Solid	300.0	42499
885-42224-20	BS26-20 @1'	Total/NA	Solid	300.0	42499
MB 885-42499/1-A	Method Blank	Total/NA	Solid	300.0	42499
LCS 885-42499/2-A	Lab Control Sample	Total/NA	Solid	300.0	42499
885-42224-1 MS	BS26-01 @1'	Total/NA	Solid	300.0	42499
885-42224-1 MSD	BS26-01 @1'	Total/NA	Solid	300.0	42499
885-42224-2 MS	BS26-02 @1'	Total/NA	Solid	300.0	42499
885-42224-2 MSD	BS26-02 @1'	Total/NA	Solid	300.0	42499

Prep Batch: 42568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-21	WS26-01 @0-1'	Total/NA	Solid	300_Prep	
885-42224-22	WS26-02 @0-1'	Total/NA	Solid	300_Prep	
885-42224-23	WS26-03 @0-5'	Total/NA	Solid	300_Prep	
885-42224-24	WS26-04 @0-5'	Total/NA	Solid	300_Prep	
885-42224-25	WS26-05 @0-1'	Total/NA	Solid	300_Prep	
885-42224-26	WS26-06 @0-1'	Total/NA	Solid	300_Prep	
885-42224-27	Caliche-6f	Total/NA	Solid	300_Prep	
MB 885-42568/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-42568/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-42224-21 MS	WS26-01 @0-1'	Total/NA	Solid	300_Prep	
885-42224-21 MSD	WS26-01 @0-1'	Total/NA	Solid	300_Prep	
885-42224-22 MS	WS26-02 @0-1'	Total/NA	Solid	300_Prep	
885-42224-22 MSD	WS26-02 @0-1'	Total/NA	Solid	300_Prep	

Analysis Batch: 42610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42224-21	WS26-01 @0-1'	Total/NA	Solid	300.0	42568
885-42224-22	WS26-02 @0-1'	Total/NA	Solid	300.0	42568
885-42224-23	WS26-03 @0-5'	Total/NA	Solid	300.0	42568
885-42224-24	WS26-04 @0-5'	Total/NA	Solid	300.0	42568
885-42224-25	WS26-05 @0-1'	Total/NA	Solid	300.0	42568
885-42224-26	WS26-06 @0-1'	Total/NA	Solid	300.0	42568
885-42224-27	Caliche-6f	Total/NA	Solid	300.0	42568
MB 885-42568/1-A	Method Blank	Total/NA	Solid	300.0	42568
LCS 885-42568/2-A	Lab Control Sample	Total/NA	Solid	300.0	42568
885-42224-21 MS	WS26-01 @0-1'	Total/NA	Solid	300.0	42568
885-42224-21 MSD	WS26-01 @0-1'	Total/NA	Solid	300.0	42568
885-42224-22 MS	WS26-02 @0-1'	Total/NA	Solid	300.0	42568
885-42224-22 MSD	WS26-02 @0-1'	Total/NA	Solid	300.0	42568

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-01 @1'

Lab Sample ID: 885-42224-1

Date Collected: 01/22/26 08:00

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/02/26 23:12
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/02/26 23:12
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 16:04
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 10:34

Client Sample ID: BS26-02 @1'

Lab Sample ID: 885-42224-2

Date Collected: 01/22/26 08:05

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 00:18
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 00:18
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 17:14
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 11:05

Client Sample ID: BS26-03 @1'

Lab Sample ID: 885-42224-3

Date Collected: 01/22/26 08:10

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 01:23
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 01:23
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 18:01
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 11:36

Client Sample ID: BS26-04 @1'

Lab Sample ID: 885-42224-4

Date Collected: 01/22/26 08:15

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 01:44

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-04 @1'

Lab Sample ID: 885-42224-4

Date Collected: 01/22/26 08:15

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 01:44
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 18:24
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 11:46

Client Sample ID: BS26-05 @1'

Lab Sample ID: 885-42224-5

Date Collected: 01/22/26 08:20

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 02:06
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 02:06
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 18:48
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 12:18

Client Sample ID: BS26-06 @1'

Lab Sample ID: 885-42224-6

Date Collected: 01/22/26 08:25

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 02:28
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 02:28
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 19:11
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 12:28

Client Sample ID: BS26-07 @1'

Lab Sample ID: 885-42224-7

Date Collected: 01/22/26 09:00

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 02:49
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 02:49

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-07 @1'

Lab Sample ID: 885-42224-7

Date Collected: 01/22/26 09:00

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 19:58
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 12:38

Client Sample ID: BS26-08 @1'

Lab Sample ID: 885-42224-8

Date Collected: 01/22/26 09:05

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 03:11
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 03:11
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 20:21
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 12:49

Client Sample ID: BS26-09 @5'

Lab Sample ID: 885-42224-9

Date Collected: 01/22/26 11:00

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 03:33
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 03:33
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 20:44
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 12:59

Client Sample ID: BS26-10 @5'

Lab Sample ID: 885-42224-10

Date Collected: 01/22/26 11:05

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 03:55
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 03:55
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 21:08

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-10 @5'

Lab Sample ID: 885-42224-10

Date Collected: 01/22/26 11:05

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 13:09

Client Sample ID: BS26-11 @1'

Lab Sample ID: 885-42224-11

Date Collected: 01/22/26 11:10

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 04:38
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 04:38
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 21:31
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 13:20

Client Sample ID: BS26-12 @1'

Lab Sample ID: 885-42224-12

Date Collected: 01/22/26 11:15

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 04:59
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 04:59
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 21:54
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 13:30

Client Sample ID: BS26-13 @1'

Lab Sample ID: 885-42224-13

Date Collected: 01/22/26 11:20

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 05:21
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 05:21
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 22:17
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 13:40

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-14 @1'

Lab Sample ID: 885-42224-14

Date Collected: 01/22/26 11:25

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 05:43
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 05:43
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 23:04
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 13:51

Client Sample ID: BS26-15 @1'

Lab Sample ID: 885-42224-15

Date Collected: 01/22/26 11:30

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 06:04
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 06:04
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 23:27
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 14:22

Client Sample ID: BS26-16 @1'

Lab Sample ID: 885-42224-16

Date Collected: 01/22/26 11:35

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 06:26
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 06:26
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/30/26 23:50
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 14:32

Client Sample ID: BS26-17 @1'

Lab Sample ID: 885-42224-17

Date Collected: 01/22/26 11:40

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 06:47

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-17 @1'

Lab Sample ID: 885-42224-17

Date Collected: 01/22/26 11:40

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 06:47
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/31/26 00:36
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 14:42

Client Sample ID: BS26-18 @1'

Lab Sample ID: 885-42224-18

Date Collected: 01/22/26 11:45

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 07:09
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 07:09
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/31/26 00:59
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 14:53

Client Sample ID: BS26-19 @1'

Lab Sample ID: 885-42224-19

Date Collected: 01/22/26 11:50

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 07:31
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 07:31
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/31/26 01:23
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 15:03

Client Sample ID: BS26-20 @1'

Lab Sample ID: 885-42224-20

Date Collected: 01/22/26 12:00

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8015M/D		1	42415	AT	EET ALB	02/03/26 07:53
Total/NA	Prep	5030C			42243	VP	EET ALB	01/29/26 16:07
Total/NA	Analysis	8021B		1	42414	AT	EET ALB	02/03/26 07:53

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Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: BS26-20 @1'

Lab Sample ID: 885-42224-20

Date Collected: 01/22/26 12:00

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			42286	BV	EET ALB	01/30/26 11:02
Total/NA	Analysis	8015M/D		1	42266	EM	EET ALB	01/31/26 01:46
Total/NA	Prep	300_Prep			42499	MA	EET ALB	02/04/26 09:18
Total/NA	Analysis	300.0		10	42502	MA	EET ALB	02/04/26 15:13

Client Sample ID: WS26-01 @0-1'

Lab Sample ID: 885-42224-21

Date Collected: 01/22/26 12:05

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8015M/D		1	42427	VP	EET ALB	02/03/26 10:02
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8021B		1	42428	VP	EET ALB	02/03/26 10:02
Total/NA	Prep	SHAKE			42374	DR	EET ALB	02/02/26 10:37
Total/NA	Analysis	8015M/D		1	42357	BV	EET ALB	02/02/26 14:51
Total/NA	Prep	300_Prep			42568	JR	EET ALB	02/05/26 08:29
Total/NA	Analysis	300.0		10	42610	MA	EET ALB	02/05/26 16:24

Client Sample ID: WS26-02 @0-1'

Lab Sample ID: 885-42224-22

Date Collected: 01/22/26 12:10

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8015M/D		1	42427	VP	EET ALB	02/03/26 11:13
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8021B		1	42428	VP	EET ALB	02/03/26 11:13
Total/NA	Prep	SHAKE			42374	DR	EET ALB	02/02/26 10:37
Total/NA	Analysis	8015M/D		1	42357	BV	EET ALB	02/02/26 15:15
Total/NA	Prep	300_Prep			42568	JR	EET ALB	02/05/26 08:29
Total/NA	Analysis	300.0		10	42610	MA	EET ALB	02/05/26 16:55

Client Sample ID: WS26-03 @0-5'

Lab Sample ID: 885-42224-23

Date Collected: 01/22/26 12:15

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8015M/D		1	42427	VP	EET ALB	02/03/26 12:25
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8021B		1	42428	VP	EET ALB	02/03/26 12:25
Total/NA	Prep	SHAKE			42374	DR	EET ALB	02/02/26 10:37
Total/NA	Analysis	8015M/D		1	42357	BV	EET ALB	02/02/26 15:39

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: WS26-03 @0-5'

Lab Sample ID: 885-42224-23

Date Collected: 01/22/26 12:15

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			42568	JR	EET ALB	02/05/26 08:29
Total/NA	Analysis	300.0		10	42610	MA	EET ALB	02/05/26 17:26

Client Sample ID: WS26-04 @0-5'

Lab Sample ID: 885-42224-24

Date Collected: 01/22/26 12:20

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8015M/D		1	42427	VP	EET ALB	02/03/26 15:12
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8021B		1	42428	VP	EET ALB	02/03/26 15:12
Total/NA	Prep	SHAKE			42374	DR	EET ALB	02/02/26 10:37
Total/NA	Analysis	8015M/D		1	42357	BV	EET ALB	02/02/26 16:02
Total/NA	Prep	300_Prep			42568	JR	EET ALB	02/05/26 08:29
Total/NA	Analysis	300.0		10	42610	MA	EET ALB	02/05/26 17:36

Client Sample ID: WS26-05 @0-1'

Lab Sample ID: 885-42224-25

Date Collected: 01/22/26 12:25

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8015M/D		1	42427	VP	EET ALB	02/03/26 15:59
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8021B		1	42428	VP	EET ALB	02/03/26 15:59
Total/NA	Prep	SHAKE			42374	DR	EET ALB	02/02/26 10:37
Total/NA	Analysis	8015M/D		1	42357	BV	EET ALB	02/02/26 16:26
Total/NA	Prep	300_Prep			42568	JR	EET ALB	02/05/26 08:29
Total/NA	Analysis	300.0		10	42610	MA	EET ALB	02/05/26 18:07

Client Sample ID: WS26-06 @0-1'

Lab Sample ID: 885-42224-26

Date Collected: 01/22/26 12:40

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8015M/D		1	42427	VP	EET ALB	02/03/26 16:23
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8021B		1	42428	VP	EET ALB	02/03/26 16:23
Total/NA	Prep	SHAKE			42374	DR	EET ALB	02/02/26 10:37
Total/NA	Analysis	8015M/D		1	42357	BV	EET ALB	02/02/26 16:50
Total/NA	Prep	300_Prep			42568	JR	EET ALB	02/05/26 08:29
Total/NA	Analysis	300.0		10	42610	MA	EET ALB	02/05/26 18:18

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Client Sample ID: Caliche-6f

Lab Sample ID: 885-42224-27

Date Collected: 01/22/26 13:00

Matrix: Solid

Date Received: 01/29/26 07:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8015M/D		1	42427	VP	EET ALB	02/03/26 16:47
Total/NA	Prep	5030C			42331	VP	EET ALB	01/31/26 12:41
Total/NA	Analysis	8021B		1	42428	VP	EET ALB	02/03/26 16:47
Total/NA	Prep	SHAKE			42374	DR	EET ALB	02/02/26 10:37
Total/NA	Analysis	8015M/D		1	42357	BV	EET ALB	02/02/26 17:13
Total/NA	Prep	300_Prep			42568	JR	EET ALB	02/05/26 08:29
Total/NA	Analysis	300.0		10	42610	MA	EET ALB	02/05/26 18:28

Laboratory References:

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



Accreditation/Certification Summary

Client: Vertex
 Project/Site: Sand Point Reclamation Facility

Job ID: 885-42224-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-25-26



1 of 3



Environment Testing Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____



885-42224 COC

www.xenco.com

of

Project Manager:	Chad Hensley	Bill to: (if different):	Terry
Company Name:	Vertex Resource	Company Name:	Production Waste Solutions LLC
Address:	3101 Boyd Drive	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:		Email:	
Project Name:	Sand Point Reclamation Facility	Turn Around:	
Project Number:	24E-04209	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code
Project Location:	Eddy, NM	Due Date:	
Sampler's Name:	Gilberto Sanchez	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			
SAMPLE RECEIPT		Temp Blank:	Yes No
Samples Received Intact:		Yes No	Thermometer ID:
Cooler Custody Seals:		Yes No N/A	Correction Factor:
Sample Custody Seals:		Yes No N/A	Temperature Reading:
Total Containers:		27	Corrected Temperature:
Sample Identification		Matrix	Date Sampled
			Time Sampled
		Depth	Grab/Comp
		# of Cont	
BS26-01 @ 1'			1/22/26 0800 1' Comp 1
BS26-02 @ 1'			0805 1' 1
BS26-03 @ 1'			0810 1' 1
BS26-04 @ 1'			0815 1' 1
BS26-05 @ 1'			0820 1' 1
BS26-06 @ 1'			0825 1' 1
BS26-07 @ 1'			0900 1' 1
BS26-08 @ 1'			0905 1' 1
BS26-09 @ 5'			1100 5' 1
BS26-10 @ 5'			1105 5' 1
Total 200.7 / 6010		200.8 / 6020:	8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010:	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.			
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)
Received by: (Signature)	Received by: (Signature)	Date/Time	Received by: (Signature)
1	2	1/29/26 0755	3
3	4		4
5	6		6

Work Order Comments			
Program: UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RR <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:			
Reporting: Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> PST/UST	<input type="checkbox"/> TFR <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/>	ADaPT	<input type="checkbox"/> Other:

ANALYSIS REQUEST		Preservative Codes	
		None NO	DI Water: H ₂ O
		Cool Cool	MeOH Me
		HCL HC	HNO ₃ HN
		H ₂ SO ₄ H ₂	NaOH Na
		H ₃ PO ₄ HP	
		NaHSO ₄ NABIS	
		Na ₂ S ₂ O ₅ NaSO ₃	
		Zn Acetate+NaOH Zn	
		NaOH+Ascorbic Acid SAPC	
		Sample Comments	

Parameters
 BTEX
 TPH (Dechloro) (eo)
 chloride 4500

3.1 + 0.3 = 3.40c ABBY
 3.8 + 0.3 = 4.10c

Revision Date 08/25/2020 Rev. 2020.2





Environment Testing Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

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Project Manager: Chad Hensley		Bill to* (if different): Terry	
Company Name: Vertex Resource		Company Name: Production Waste Solutions, LLC	
Address: 3101 Boyd Drive		Address:	
City, State ZIP: Carlsbad, NM 88220		City, State ZIP:	
Phone:	facility	Email:	
Project Name: Sand Point Reclamation		Turn Around:	
Project Number: 24E-04209		ANALYSIS REQUEST	
Project Location: Eddy, NM		Preservative Codes	
Sampler's Name: Gilberto Sanchez		None NO DI Water, H ₂ O	
PO #:		Cool Cool MeOH Me	
TAT starts the day received by the lab, if received by 4:30pm		HCL HC HNO ₃ HN	
SAMPLE RECEIPT		H ₂ SO ₄ H ₂ NaOH Na	
Temp Blank: Yes No		H ₃ PO ₄ HP	
Wet Ice: Yes No		NaHSO ₄ NABIS	
Samples Received Intact: Yes No		Na ₂ S ₂ O ₃ NaSO ₃	
Cooler Custody Seals: Yes No N/A		Zn Acetate+NaOH Zn	
Sample Custody Seals: Yes No N/A		NaOH+Ascorbic Acid SAPC	
Total Containers:		Sample Comments	
Corrected Temperature:			
Sample Identification		Matrix	
Date Sampled		Time Sampled	
Depth		Grab/Comp	
# of Cont		Parameters	
WS26-01 @ 0-1'		BTEX	
WS26-02 @ 0-1'		TPH (DRO/GRO/RO)	
WS26-03 @ 0-5'		Chloride 4500	
WS26-04 @ 0-5'			
WS26-05 @ 0-1'			
WS26-06 @ 0-1'			
Caliche - bf			
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of services. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.			
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)
1 <i>[Signature]</i>	<i>[Signature]</i>	1/29/26	2 <i>[Signature]</i>
3			4
5			6

3.1 + 0.3 = 3.4°C
3.2 + 0.3 = 4.1°C
ABBY



Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-42224-1

Login Number: 42224

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

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

APPENDIX C – Liner Inspection Report

SANDPOINT RECLAMATION FACILITY STRUCTURAL ASSESSMENT REPORT

EDDY COUNTY, NEW MEXICO
NEW MEXICO OIL CONSERVATION DIVISION
PROJECT No. 5E33961



OCTOBER 30, 2025

PREPARED FOR:



PRODUCTION WASTE SOLUTIONS, LLC
145 COMMERCE DR.
ANDREWS, TX 79714



Souder, Miller & Associates
Engineering ♦ Environmental ♦ Geomatics

5454 Venice Avenue NE, Suite D ♦ Albuquerque, NM 87113
505.299.0942 ♦ fax 505.293.3430 ♦ www.soudermilller.com

TABLE OF CONTENTS

1.0	Introduction.....	3
2.0	Executive Summary.....	4
3.0	Scope of Work	5
4.0	Site Description.....	6
4.1	Secondary Containment Pad.....	6
4.2	Washout Pad	7
5.0	Assessment.....	8
5.1	Environmental Containment and Fluid Tightness.....	8
5.2	Drainage and Containment Functionality.....	9
6.0	Discussion – Need for HDPE Liner	10
7.0	Recommendations.....	11
8.0	Conclusion	11

APPENDICES

Appendix A – Site Photographs



1.0 Introduction

This report documents the visual inspection performed on October 17, 2025, of an existing concrete secondary containment pad and an adjacent concrete pad. The adjacent concrete pad is being used as a semi-trailer tank washout area. The purpose of this inspection is to assess the condition of the existing concrete containment system and determine whether it remains suitable for use with or without the addition of a high-density polyethylene (HDPE) liner.

The facility is located at mile marker 47.5 on U.S. Highway 62, approximately 12 miles northeast of the City of Carlsbad, New Mexico within Eddy County. The inspected areas are located at an active processing site that includes twelve large 500-gallon processing tanks, several roll-offs, a washout pad for equipment, and semi-trailer tanks. The secondary containment pad, approximately 134 feet by 55 feet in area, is designed to provide full containment of potential spills or leaks. The adjacent washout pad, approximately 60 feet by 40 feet, supports cleaning operations and directs runoff to a steel waste acceptance sump.

This report outlines site conditions, inspection observations, evaluation criteria per ACI 224.1R-07, and provides engineering opinions and recommendations based on observation conditions and best practices for containment structures.



2.0 Executive Summary

On 17 October 2025, a site visit was performed to visually inspect the concrete secondary containment pad and the semi-trailer tank washout pad. The goal was to determine if the concrete containment remains competent and undamaged to evaluate if it can function effectively to contain inadvertent spills or discharges.

During the inspection, the following observations were made:

- No visible evidence of differential settlement across either concrete pad.
- No active or through-penetrating crack that would indicate a loss of containment.
- Existing patches along the containment wall appeared intact with no delamination.
- An asphalt overlay was observed along the top perimeter of the containment wall.
- Moderate oil staining was observed throughout both pads, typical for hydrocarbon services areas, but with no observable seepage beyond the containment limits.

Based on ACI 224.1R-07 guidance for crack evaluation and visual assessment, the pads appear structurally sound and serviceable. The existing patching work and asphalt overlay suggest prior maintenance efforts to extend service life. No visible conditions were observed that showed compromised wall and slab containment performance.

Given these findings, and in the absence of any observed leakage, installation of an HDPE liner does not appear necessary at this time. However, limited confirmatory testing such as concrete coring, permeability checks, and continued monitoring are recommended to verify the long-term performance and ensure compliance with applicable regulations.



3.0 Scope of Work

This report covers the following scope of work:

1. Conduct a field inspection of the secondary containment concrete pad and the adjacent washout pad.
2. Visually assess the condition of concrete surfaces, containment walls, and perimeter areas.
3. Document and evaluate cracking, staining, shrinkage, and other signs of wear or damage including photographs.
4. Reference ACI 224.1R-07 guidelines to classify observed cracks and evaluate their significance.
5. Provide engineering recommendations regarding the necessity of installing a high-density polyethylene (HDPE) liner.
6. Suggest further testing or monitoring actions to confirm the pad's containment functionality.

The inspection was limited to non-destructive visual observation. No permeability testing was conducted during the visit.



4.0 Site Description

Surface conditions were consistent with a typical hydrocarbon processing area. Visible aged surfaces with oil staining, isolated repairs, and wear. Perimeter asphalt overlay was observed along the top of the containment wall.

4.1 Secondary Containment Pad

Secondary Containment Pad: Approx. 134 feet by 55 feet, containing twelve 500-gallon steel processing tanks and two roll-off containers. The pad is bounded by a 3-foot-tall cast-in-place concrete perimeter wall designed to contain spills and prevent the release of fluids. Along the top edge of the containment wall, an asphalt overlay was observed extending around the perimeter.

Evidence of previous patch repairs was also noted along the wall; they appeared intact at the time of inspection. Within the inside perimeter of the wall at about mid-height, a notable discoloration of the concrete surface was observed. The lower half of the wall appeared darker, transitioning toward a black hue color closer to the base, see Image 6. This condition may be the result of long-term exposure of concrete to hydrocarbons, oil residue and previously retained fluids. This discoloration is consistent with surface absorption of oils rather than internal deterioration.



4.2 Washout Pad

Semi-Trailer Tank Washout Pad: Approx. 60 feet by 40 feet, located near the main containment pad. Like the larger containment area, the surface was free from structural distress or settlement. This area is used for equipment cleaning and trailer tank rinsing operations. The general condition of the pad showed oil stains and gathering oil clumps towards the closed edge. At approximately one-quarter of the pad's length from the edge, the slab slopes gently towards an 8-inch diameter steel pipe that conveys runoff toward a steel waste acceptance sump.

Along roughly half of the exterior face of the washout pad wall, several small areas of honeycombing were observed, see Image 12 and 13. These voids appear as clusters of exposed coarse aggregate and shallow surface cavities. Honeycombing is the result of inadequate consolidation during placement or failure of mortar filling in spaces among the coarse aggregate. Based on visual assessment, honeycombing is minor and limited to outer surface irregularities. There is no indication of deep voiding, loss of sections or evidence that there is loss of concrete integrity.

Surface staining was observed, consistent with the operational environment. No through-cracks or exposed reinforcement were identified, no through leaks observed that bypass containment. This system facilitates proper drainage and collection of wash water during operations while maintaining containment control. Overall, the washout pad appears in sound condition.



5.0 Assessment

Visual observation indicates that both concrete pads are performing adequately in terms of structural integrity and serviceability. No settlement, heaving, or slab displacement was noted, suggesting that the subgrade support remains uniform and uncompromised. Crack width and distribution were within acceptable limits as outlined in ACI 224.1R-07, "Causes, Evaluation, and Repair of Cracks in Concrete Structures."

According to ACI 224.1R-07, hairline and narrow cracks (less than 0.012 inches wide) are generally not structurally significant and rarely impact the serviceability or durability of a slab intended for containment purposes. Images 1 and 5 show cracking observed during the inspection that falls well within tolerances and does not suggest ongoing or progressive deterioration.

For containment structures storing liquids the presence of through cracks, active cracks, or cracks connected to permeable path to the exterior are of concern. No such through cracks or active seepage were noted all around the outside wall perimeter during the visit, see Image 2.

The previous patching along the containment walls remains intact, showing no evidence of delamination or re-cracking. The asphalt overlay along the wall perimeter appears functional and well-bonded, providing additional surface protection against mechanical impact, see Image 3. The existing of patches alone is not indicative of current containment failure but should be monitored for changes.

5.1 Environmental Containment and Fluid Tightness

No sign of fluid leakage or breach beyond the containment walls was observed. The pad showed surface oil staining in different areas, but there was no evidence of seepage or saturation at the wall-to-slab joint or along the exterior of the containment. Drainage pathways including the washout pad slope and the steel collection sump were functional and contained.



5.2 Drainage and Containment Functionality

It is important to note that ACI 224.1R-07 emphasizes that for environmental containment applications, surface cracking and staining do not automatically indicate a loss of containment performance. Observed drainage patterns did not indicate flows by passing the containment wall. The containment walls and slab appear to function as intended based on surface observations. Site observations show the concrete surface remains sound.



6.0 Discussion – Need for HDPE Liner

SMA considered the potential utilization of an HDPE liner to enhance the impermeability of the containment area. While HDPE liners offer excellent long-term protection against chemical ingress and leaks, they are typically justified when the existing containment is demonstrably porous, cracked through the thickness, or structurally degraded. The inspected pads showed no through-cracks, spalling, or evidence of liquid migration.

The following actions are recommended:

- Clean the pads thoroughly to remove surface oils and re-assess any hidden cracking.
- Seal any visible surface cracks with an epoxy or polyurethane sealant suitable for containment applications.
- Reapply a light-duty protective surface coating such as an epoxy-based sealant or silane siloxane treatment to reduce permeability and enhance chemical resistance.
- Continue periodic inspection and cleaning to maintain performance.

If the future inspections reveal deeper cracking, active leakage, or deterioration due to chemical exposure, the need for an HDPE liner can be reconsidered. However, under present conditions, the concrete containment remains adequate to serve its purpose of providing “sufficiently impervious” secondary containment to contain oil in accordance with Spill Prevention, Control, and Countermeasure Plans as defined by the Federal Code of Regulations (CFR) 40 CFR 112.7.



7.0 Recommendations

From evaluation of inspected data, the recommendations for concrete pads and perimeter walls are:

1. Perform a thorough cleaning and degreasing of both pads.
2. Conduct a follow-up inspection after cleaning to confirm no hidden or previously obscured cracks exist.
3. Rout and seal any minor cracks with an epoxy or polyurethane product per ACI 224.1R-07 guidance.
4. Consider applying a protective surface coating sealant to enhance chemical resistance.
5. Surface seal honeycombing spots with a cementitious or epoxy patch.
6. Implement a periodic monitoring program (semi-annual) to document any future changes in pad condition.

8.0 Conclusion

Based on October 17, 2025, site inspection and evaluation of both secondary containment pad and washout pad are in good condition and continue to meet their intended service and containment functions to provide “sufficiently impervious” secondary containment to contain oil in accordance with 40 CFR 112.7. No visible evidence was found to suggest loss of integrity or permeability through the slabs. Routine maintenance and periodic inspections will ensure the continued reliability of these structures.

Overall Assessment Summary

- The concrete pads are structurally sound and serviceable.
- No evidence of settlement, major cracking, or leakage was observed.
- Existing repairs and overlays are functioning as intended.
- Installation of an HDPE liner is not required if recommended repairs are made.
- Minor preventive maintenance and continued monitoring are sufficient to ensure long-term containment capability.



APPENDIX A – SITE PHOTOGRAPHS



Image 1. Random shrinkage cracks between tanks of the secondary containment





Image 2. Northern Perimeter Wall Showing no Evidence of Permeability Exposure



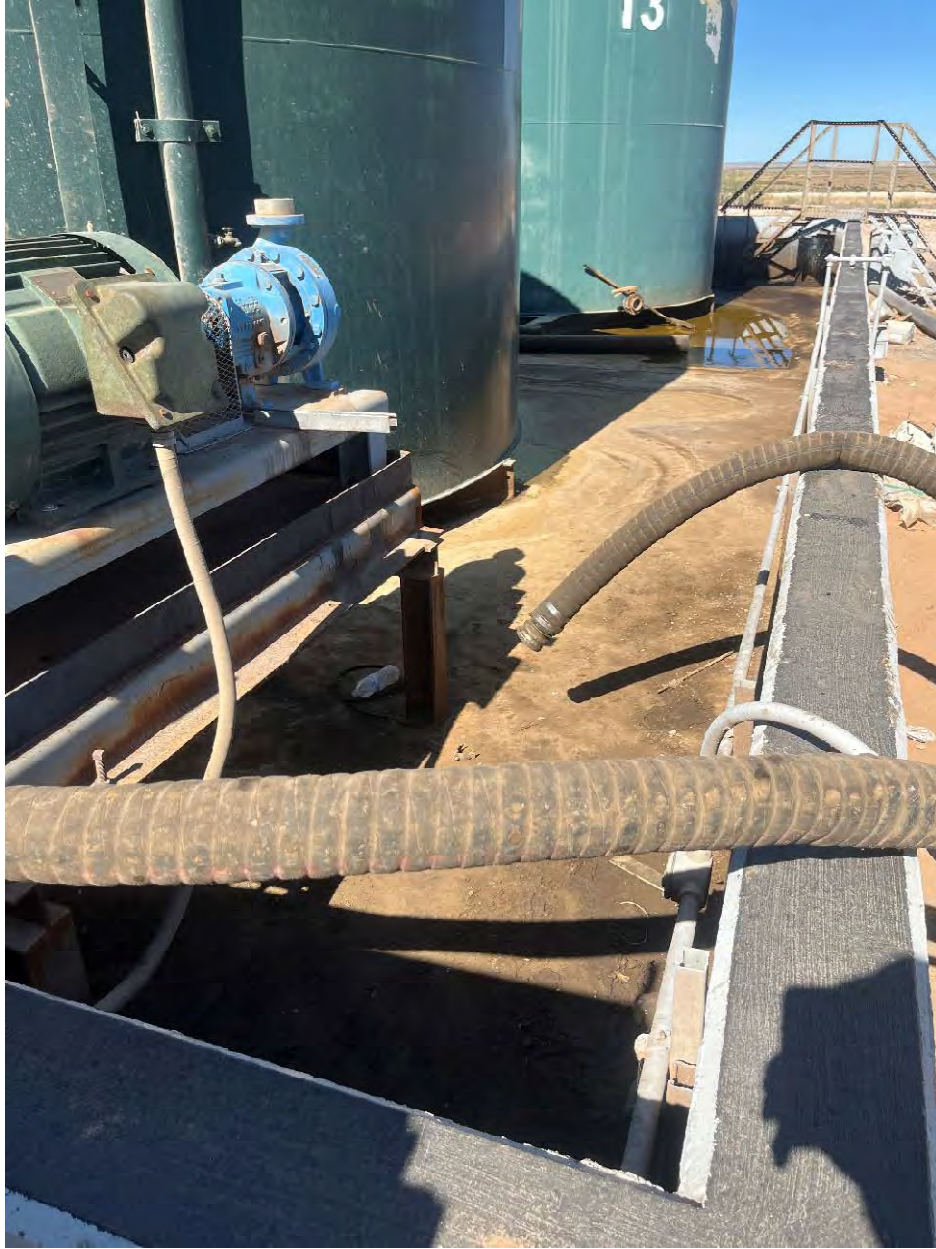


Image 3. Northern Perimeter Wall with hoses laid over





Image 4. Eastern Perimeter Wall Showing no Evidence of Permeability Exposure





Image 5. Shrinkage cracks between tanks of the secondary containment





Image 6. Discoloration of the inside South Perimeter Wall





Image 7. Southern Exterior Perimeter wall of Secondary Containment



Image 8. Center of Washout pad showing sloped drain area





Image 9. Outer East Perimeter of Washout Pad with Steel Sumps





Image 10. Outer Southern Perimeter of Washout Pad





Image 11. Half of the Outer Western Perimeter of Washout Pad





Image 12. The other Half of the Outer Western Perimeter of Washout Pad showing Honeycombing





Image 13. The other Half of the Outer Western Perimeter of Washout Pad showing Honeycombing



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QUESTIONS

Action 558545

QUESTIONS

Operator: PRODUCTION WASTE SOLUTIONS LLC 1101 SE Mustang Dr Andrews, TX 79714	OGRID: 371912
	Action Number: 558545
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2422050186
Incident Name	NAPP2422050186 SANDPOINT @ FVV2130741319
Incident Type	Fire
Incident Status	Remediation Closure Report Received
Incident Facility	[FVV2130741319] SANDPOINT RECLAMATION FACILITY PWS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	SANDPOINT
Date Release Discovered	10/22/2023
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Fire Unknown Crude Oil Released: 0 BBL (Unknown Released Amount) Recovered: 52 BBL Lost: -52 BBL.
Produced Water Released (bbls) Details	Cause: Fire Unknown Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 469 BBL Lost: -469 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 558545

QUESTIONS (continued)

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	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; (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire; (?) reported amounts release resulting in negative volume.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: Linette Ramirez Title: Regulatory Admin Email: linette@productionwaste.com Date: 02/27/2026
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QUESTIONS, Page 3

Action 558545

QUESTIONS (continued)

Operator: PRODUCTION WASTE SOLUTIONS LLC 1101 SE Mustang Dr Andrews, TX 79714	OGRID: 371912
	Action Number: 558545
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 200 and 300 (ft.)
Any other fresh water well or spring	Between 200 and 300 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 200 and 300 (ft.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	9800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	260
GRO+DRO (EPA SW-846 Method 8015M)	260
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	02/01/2026
On what date will (or did) the final sampling or liner inspection occur	02/20/2026
On what date will (or was) the remediation complete(d)	03/01/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	3979
What is the estimated volume (in cubic yards) that will be remediated	186

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 558545

QUESTIONS (continued)

Operator: PRODUCTION WASTE SOLUTIONS LLC 1101 SE Mustang Dr Andrews, TX 79714	OGRID: 371912
	Action Number: 558545
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112340644 R360 ARTESIA LLC LANDFARM
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: Linette Ramirez Title: Regulatory Admin Email: linette@productionwaste.com Date: 02/27/2026
--	--

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

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QUESTIONS, Page 5

Action 558545

QUESTIONS (continued)

Operator: PRODUCTION WASTE SOLUTIONS LLC 1101 SE Mustang Dr Andrews, TX 79714	OGRID: 371912
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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 558545

QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	543902
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/22/2026
What was the (estimated) number of samples that were to be gathered	29
What was the sampling surface area in square feet	3979

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	3979
What was the total volume (cubic yards) remediated	186
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	NA

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: Linette Ramirez Title: Regulatory Admin Email: linette@productionwaste.com Date: 02/27/2026
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QUESTIONS, Page 7

Action 558545

QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 558545

CONDITIONS

Operator: PRODUCTION WASTE SOLUTIONS LLC 1101 SE Mustang Dr Andrews, TX 79714	OGRID: 371912
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CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation closure report approved.	3/13/2026
bhall	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	3/13/2026
bhall	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	3/13/2026