SITE EVALUATION SUMMARY - UPDATE

ConocoPhillips
BKU Satellite G CTB
Eddy County, New Mexico
Unit Letter "L", Section 19, Township 17 South, Range 30 East
Latitude 32.81624° North, Longitude 104.01595° West
NMOCD Reference No. 2RP-5360

Prepared For:

ConocoPhillips
600 W Illinois Avenue
Midland, Texas 79701

Prepared By:

TRC Environmental Corporation
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September 2024

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TABLE OF CONTENTS

INTRODUCTION……..1

BACKGROUND……..1

REGULATORY FRAMEWORK..……1

ONSITE PIPELINE HAZARD ASSESSMENT……2

PREVIOUSLY DOCUMENTED WORK – TETRA TECH AND TALON, LPE…….....2

TRC CONFIRMATION SOIL SAMPLING AND ADDITIONAL LATERAL DELINEATION……..5

EVALUATION SUMMARY AND PROPOSED PATH FORWARD……..…….7

DISTRIBUTION……..8

FIGURES

Figure 1 – Topographical Map
Figure 2 – Aerial Map
Figure 3 – Karst Potential Map
Figure 4 – Site & Sample Location Map
Figure 5 – Cross Section Transect Map
North-South Transect Cross Sections
East-West Transect Cross Sections

TABLES AND PLOTS

Table 1 – Summary of Delineation Sampling Analytical Results
Plot 1 – Confirmation-1 Benzene Comparison
Plot 2 – Confirmation-1 BTEX Comparison
Plot 3 – Confirmation-1 GRO + DRO Comparison
Plot 4 – Confirmation-1 TPH Comparison
Plot 5 – Confirmation-2 Benzene Comparison
Plot 6 – Confirmation-2 BTEX Comparison
Plot 7 – Confirmation-2 GRO + DRO Comparison
Plot 8 – Confirmation-2 TPH Comparison
Plot 9 – Confirmation-3 Benzene Comparison
Plot 10 – Confirmation-3 BTEX Comparison
Plot 11 – Confirmation-3 GRO + DRO Comparison
Plot 12 – Confirmation-3 TPH Comparison
Plot 13 – Confirmation-4 Benzene Comparison
Plot 14 – Confirmation-4 BTEX Comparison
Plot 15 – Confirmation-4 GRO + DRO Comparison
Plot 16 – Confirmation-4 TPH Comparison

APPENDICES

Appendix A – Release Notification and Corrective Action (Form C-141)
Appendix B – Boring Logs
Appendix C – General Photographs
Appendix D – Laboratory Analytical Report
Appendix E – Talon LPE Drilling and Soil Vapor Extraction Reports

INTRODUCTION

TRC Environmental Corporation (TRC), on behalf of ConocoPhillips (COP), has prepared this *Site Assessment Summary and Remediation Work Plan* for the Release Site known as the BKU Satellite G CTB (the Site). The legal description of the Site is Unit Letter "L", Section 19, Township 17 South, Range 30 East, in Eddy County, New Mexico. The subject property is owned ConocoPhillips. The GPS coordinates for the Site are N32.81624°, W104.01595°. A topographical map is provided as **Figure 1**. General photographs are provided in the photolog as **Appendix D**.

BACKGROUND

On March 27, 2019, COP discovered a produced water and crude oil release had occurred at the Site. The Release was attributed to a hole in the flowline. On the discovery date, COG notified the New Mexico Oil and Conservation Division (NMOCD) and New Mexico State Land Office (NMSLO) of the Release. The Release was assigned an NMOCD Reference number of **2RP-5360**. During initial response activities, a vacuum truck was dispatched to recover any recoverable freestanding fluids. On April 4, 2019, the initial Release Notification and Corrective Action (Form C-141) was submitted to the NMOCD. The Form C-141 indicated nine (9) barrels (bbls) of produced water and eight (8) bbls of crude oil were released. Three (3) bbls of produced water and two (2) bbls of crude oil were recovered during initial response activities. The Release affected an area measuring approximately 1,400 square feet (sq. ft.). The C-141 indicated the impacted area was located in pastureland. A copy of the NMOCD submitted Form C-141 for the Release is provided in **Appendix A**.

Since the release, the onsite assets have been sold to Spur Energy Partners, LLC. However, COP has retained the surface rights of the area. Additionally, the BLM owns the mineral rights for all minerals underlying the Site.

REGULATORY FRAMEWORK

A site investigation documented by Tetra Tech in the dated August 6, 2019, indicated depth to groundwater beneath the Release Site is greater than 150 feet below ground surface (bgs). During the the site investigation, a soil boring was advanced to a depth of approximately 150 bgs and groundwater was not encountered. Additionally, two monitoring wells were found approximately 0.25 miles south of the Site at 32.813690, -104.018250. One of the two wells was dry to a depth of 157 feet bgs. The second was gauged and static water was documented at approximately 266 feet bgs. The gauging occurred on June 13, 2019. The monitoring wells are depicted on **Figure 2**. The site is located in a low karst designated area and does not have any nearby receptors that would require a more stringent remediation standard. The lack of nearby receptors is shown on **Figure 2** and the karst designation is shown on **Figure 3**. Based on the NMOCD Site Classification criteria, which was concurred with by the NMOCD in the previously approved soils workplans submitted by Tetra Tech, soil analytical data collected during the investigation of the Release Site were compared to below Closure Criteria for depth to groundwater greater than 100 feet bgs:

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- Total Petroleum Hydrocarbon (TPH): 2,500 mg/kg (GRO + DRO + MRO).
- Gasoline Range Organics + Diesel Range Organics (GRO + DRO): 1,000 mg/kg
- Chloride: 20,000 mg/kg

ONSITE PIPELINE HAZARD ASSESSMENT

Prior to initiating soil remediation activities, a hazard inventory of all the onsite pipelines was made. Each of the pipelines identified during the NM811 onecall and subsequent GPR survey were positively located and identified based on hydrovac potholes. The pipelines are each shown on **Figure 4**.

DCP High Pressure Pipeline(s)

A high pressure steel pipeline 'Ts' north of the affected area crosses and through the Release site. One branch of the 'T' runs to the southwest, the other runs from the facility to the northwest to the southeast away from the Site. The top of the line is located at approximately 4 feet bgs.

Spur Energy Partners Fiberglass Line (Release Point)

A fiberglass line travels E-W through the affected area. The release occurred on this line and the line has since been repaired and deactivated. The top of the line is approximately 4 feet bgs. The line is currently out of service.

Surface Poly and Steel Lines

A three (3) inch surface poly line and a steel line that was partially buried and appeared inactive ran W-NW to E-SE. The lines appear to be owned by Spur Energy Partners.

Unidentified GPR Anomaly

An additional unmarked N-S anomaly was identified by GPR, but it was not daylighted as it was beyond the extent of the affected soils to the West.

PREVIOUS ASSESSMENT – TETRA TECH AND TALON, LPE

Initial Site Investigation and Workplan (Denied)

An initial investigation conducted by Tetra Tech resulted in vertical delineation of soils affected above the NMOCD Recommended Remedial Action Levels (RRALs) in the upper 100 feet of the soil column near the release point. Horizontal delineation of benzene, BTEX, and TPH at depth was not fully achieved, but generally the affected area appeared relatively localized to no larger than 70 feet long (E-W) and 25 feet wide (N-S). The hydrocarbon impacts were vertically defined and appear limited to the upper 95 feet of soil column. Based on the depth of affected

soils and relative abundance of clay minerals in the soil which likely impeded vertical migration, the release was likely a long-time slow release of a greater volume than indicated on the C-141. The line was not re-utilized following line repairs and remains out of service, preventing any additional hydrocarbon impacts sourced from the line.

The initial investigation document included a workplan to progress the Site towards closure in which COP requested:

- Excavation of affected surface soils to 3.0 – 4.0 feet bgs.
- Installation of a 20-mil liner at the base of the excavation and backfill with clean fill.
- Passive SVE as a remedy for deep hydrocarbon impacts.
- Quarterly monitoring of passive SVE wells utilizing a photoionization detector (PID).

Following submission of the investigation and workplan, the NMOCD denied the workplan with the request that a more active remedy be utilized.

Workplan Addendum (Approved)

In response to the denied workplan, Tetra Tech developed an addendum to the workplan, submitted on October 11, 2019, which requested:

- Additional lateral delineation to determine horizontal extents for SVE system design purposes.
- Installation of five (5) 4-inch SVE wells – three (3) from 5' – 50' bgs and two (2) from 50' – 100' bgs.
- A pilot SVE study to evaluate effectiveness of the proposed remediation and determine adequate well spacing.
- Excavation of surface soils in the affected area to 4 feet bgs to the maximum extent practicable due to the large number of surface and subsurface infrastructure.
- A liner is not proposed in the addendum.

The NMOCD approved the workplan addendum on July 2, 2021.

Approved Workplan Addendum Enactment

Following NMOCD approval, Talon LPE installed four 4" SVE wells within the affected area– two wells screened from 5 feet to 50 feet bgs and two wells screened from 50 feet to 100 feet bgs. The intervals are reduced from the full column to enhance effectiveness over a smaller screened interval. The fifth SVE well proposed in the workplan was not installed, as PID readings of the soils within the boring indicated no impact to the east depicted as SVE-5(BH) on the attached figures and previously submitted documents. Additionally, soil borings were installed to complete vertical and horizontal delineation of hydrocarbon affected soils at depth. The affected area was vertically defined to be present from surface to approximately 100 feet

bgs, and the lateral extent was relatively small and well defined with an approximate footprint of 40 feet by 50 feet, with a smaller deeper affected zone of approximately 20 feet by 20 feet.

Following installation of the 4 SVE wells and additional delineation activities, an SVE pilot test was conducted utilizing a SVE extraction pump capable of generating vacuum up to 25' Hg. Vapors extracted were destroyed utilizing a propane-fired 1,000 standard cubic feet per minute (SCFM) thermal oxidizer. Vacuum was applied for 48-hours – 12 hours on each of the SVE wells - and air removal rates, velocities, and pressures at each well were monitored. The pilot test results the indicated radius of influence (ROI) of the wells at 350 standard cubic feet per minute (scfm) was 35 feet when utilizing a 0.1 inch of H_2O pressure observed in observation wells adjacent to the well at which the vacuum was applied.

Following the pilot test, seven 24-hour SVE events were conducted on the SVE wells from installation until 3Q2021 as documented in the additional Talon reports. The analytical results, included in the inset Talon table below from the final Talon report, shows the following average vapor concentrations and recoveries in gallons.

Analytical Results – SVE Events

Event Number	Samples Taken	Date	Average Results (PPMV)	Vapor Recovery (Gallons)
1	9	10/29/2019	12,340	79.49
2	3	10/15/2020	18,016	125.30
3	3	1/5/2021	19,390	141.99
4	3	4/21/2021	12,253	87.77
5	3	5/27/2021	25,716	174.49
6	3	7/7/2021	20,680	141.51
7	3	8/11/2021	17,790	123.64

The Talon drilling and soil vapor extraction report and SVE enactment reports are provided as **Appendix E**.

TRC CONFIRMATION SOIL SAMPLING AND ADDITIONAL LATERAL DELINEATION

On January 18th, 2024, TRC conducted an additional site evaluation utilizing air rotary drilling to install four confirmation soil borings adjacent to the previously installed investigative borings. Additionally, eleven (11) new soil borings (ranging from 50 to 100 feet bgs in depth) were installed. The confirmation borings were installed to compare and gauge the relative effectiveness of the SVE to the original data from 2019 described in the Tetra Tech and Talon Reports. The new soil borings were installed to confirm lateral and vertical delineation of TPH, benzene, and BTEX exceedances to the RRALs. Soil samples were collected at 1-, 3-, 5- and 10-foot intervals. Boring logs are provided as **Appendix B**. Soil boring locations are depicted in **Figure 4** and **Figure 5**. The discussion below will address hydrocarbon COCs (benzene, BTEX, TPH) and omit discussion of chlorides, as no soil samples analyzed for chlorides exceeded the Site RRAL.

The objective of the confirmation soil borings (Confirmation-1 through Confirmation-4) was to compare benzene, BTEX, and TPH concentrations to adjacent previously installed borings for determination of effectiveness of active SVE to date. Confirmation-1 was installed adjacent to SVE-1. Confirmation-2 was installed adjacent to BH-1. Confirmation-3 was installed adjacent to BH-2. Confirmation-4 was installed adjacent to N1H.

Confirmation Boring-1 was installed adjacent to existing SVE well SVE-1 to 100 feet bgs. The analytical results indicated soil samples exhibited benzene concentrations ranging from below the laboratory reporting limit (RL) to 28.3 mg/kg, BTEX concentrations ranging from below the RL to 510 mg/kg and TPH concentrations ranging from 155 to 15,900 mg/kg. A comparison of the data collected from Confirmation Boring-1 to SVE-1 are depicted in **Plots 1 – 4**. Generally, benzene, BTEX and TPH concentrations decreased between the two events. Notable exceptions to this generalization include benzene at approximately 70 feet bgs, BTEX at 30 – 70 feet bgs, and TPH at 50 feet bgs.

Confirmation Boring-2 was installed adjacent to previous soil boring BH-1 to 100 feet bgs. The analytical results indicated that soil samples exhibited benzene concentrations ranging from below the laboratory RLs to 27.1 mg/kh, BTEX concentrations ranging from below the laboratory RLs to 510 mg/kg and TPH concentrations ranging from 64.7 to 14,140 mg/kg. A comparison of the data collected from Confirmation Boring-2 to BH-1 are depicted in **Plots 5 – 8**. Generally, concentrations of benzene and BTEX were higher in Confirmation Boring-2 than in BH-1 from 10 – 45 feet bgs but lower in depths greater than 45 feet bgs. TPH concentrations were similar to lower in each sampled interval in Confirmation Boring-2 with notable exceptions of 10 – 25 feet bgs. The higher volatiles concentrations at shallower depths may be attributed to the confirmation boring's closer proximity to the release point.

Confirmation Boring-3 was installed adjacent to previous soil boring BH-2 to 60 feet bgs. The analytical results indicated that soil samples exhibited benzene concentrations ranging from below laboratory RLs to 2.17 mg/kg, BTEX concentrations ranging from below laboratory RLs to 217 mg/kg and TPH ranging from non-detect to 33,200 mg/kg. A comparison of the data collected from Confirmation Boring-3 to BH-2 are depicted in **Plots 9 – 12**. Generally, the benzene and

BTEX concentrations were higher in Confirmation-3, but only BTEX exceeded the RRAL. The TPH trends were similar between Confirmation-3 and BH-2, but the magnitude of the concentrations were generally higher in Confirmation-3. Confirmation-3 is closer to the line that leaked, which had a preferential pathway E-W along it, than BH-2 which could explain the differences in magnitudes.

Confirmation Boring-4 was installed adjacent to previous soil boring N1H to 70 feet bgs. The analytical results indicated benzene, BTEX and TPH concentrations to be below the laboratory RLs. A comparison of the data collected from Confirmation Boring-4 to N1H are depicted in **Plots 13 – 16**. Generally, Confirmation Boring – 4 does not replicate the affected soils documented at N1H.

New Boring -1 through New Boring-11 were installed to provide additional lateral and vertical delineation information to close identified data gaps, primarily to the south to southwest. A Site and Sample Location Map depicting the locations of the soil borings are provided as **Figure 4.** Additionally, a cross section transect map (and the associated cross sections) are provided as **Figure 5**. **Figure 5** also depicts the relative lateral extent of the shallow and deep hydrocarbon affected soils. A Summary of Delineation Sampling Analytical Results is provided as **Table 1**.

New Boring-1 was installed within the anticipated affected area to 50’ bgs. The analytical results indicated soil samples exhibited concentrations below the laboratory RLs for benzene and total BTEX. TPH concentrations exhibited by submitted soil samples ranged from non-detect to 257 mg/kg. The analytical results of the submitted soil samples indicate that the affected soil column does not extend to the north as far as New-1. This data point is corroborated by the lack of RRAL exceedances in Confirmation Boring-4.

New Boring-2 was installed to the northwest of the anticipated affected area to 50’ bgs. The analytical results indicated benzene, total BTEX and total TPH concentrations below the laboratory RLs. This data point shows lateral delineation of the affected area to the northwest.

New Boring-3 was installed to the north of the anticipated affected area 50’ bgs. The analytical results indicated soil samples were below the laboratory RLs for benzene and total BTEX and total TPH concentrations ranged from non-detect to 58.8 mg/kg. This data point also corroborates that the affected area does not extend as far north as previously indicated.

New boring-4 was installed to the northeast of the anticipated affected area to a depth of 50’ bgs. The analytical results indicated benzene, total BTEX and total TPH concentrations to be below the laboratory RLs. This data point establishes horizontal delineation to the northeast.

New Boring-5 was installed the southeast of the anticipated affected area to a depth of 50’ bgs. The analytical results indicated benzene, total BTEX and total TPH concentrations were below laboratory RLs. This data point establishes horizontal delineation to the southeast.

New Boring-6 was installed to the south of the anticipated affected area to a depth of 100’ bgs. The analytical results indicated that soil samples exhibited benzene concentrations ranging from non-detect to 14.7 mg/kg, total BTEX concentrations ranging from non-detect to 453 mg/kg and

total TPH ranging from non-detect to 10,500 mg/kg. The RRAL exceedances indicate the affected area extends to the south/southwest further than indicated in previous submissions.

New Boring-7 was installed south of New Boring-6 to a depth of 50' bgs. The boring was intended as a 'step out' based on the affected soils in New Boring-6. The analytical results indicated soil samples exhibited benzene and BTEX concentrations below the laboratory RLs and TPH concentrations ranging from below the laboratory RL to 60.9 mg/kg. This data point establishes horizontal delineation to the south.

New Boring-8 was installed to the southwest of the anticipated affected area to a depth of 100' bgs. The analytical results indicated that soil samples exhibited benzene concentrations ranging from below the laboratory RLs to 17.8 mg/kg, BTEX concentrations ranging from below laboratory RLs to 563 mg/kg and TPH ranging from below the laboratory RLs to 11,800 mg/kg. The RRAL exceedances indicate the affected area extends to the southwest further than indicated in previous submissions.

New Boring-9 was installed to the southwest of New Boring-8 to a depth of 50' bgs. The analytical results indicated soil samples exhibited benzene and BTEX concentrations below the laboratory RLs and TPH concentrations ranging from below the laboratory RLs to 97.2 mg/kg. This data point establishes horizontal delineation to the southwest.

New Boring-10 was installed to the west of the anticipated affected area to a depth of 80' bgs. The analytical results indicated that soil samples exhibited benzene concentrations from below the laboratory RLs to 0.00337, BTEX concentrations ranging from below the laboratory RLs to 65.7 mg/kg and TPH ranging from below the laboratory RLs to 4,970 mg/kg. The RRAL exceedances indicate the affected area extends to the west further than indicated in previous submissions.

New Boring-11 was installed to the west of New Boring-10 to a depth of 50' bgs. The analytical results indicated benzene, BTEX and TPH concentrations were below the laboratory RLs. This data point establishes horizontal delineation to the west.

EVALUATION SUMMARY AND PROPOSED PATH FORWARD

In summary, vertical delineation has been maintained and elevated benzene, BTEX, and TPH concentrations do not appear to be migrating vertically as compared to the original delineation events. **Figure 5** shows the lateral extent of the affected area, both in shallow intervals and at depth, as well as transects for the cross sections from previous data and current data.

Full lateral delineation both at the surface and at depth has been achieved. Laterally, the affected area is larger than previously documented, primarily to the south-southwest. However, affected soils appear to span less northward than previously documented. The footprint appears to be approximately 50 feet by 30 feet in the shallower (less than 50' bgs) affected region and the deeper impacts remain limited to an approximately 20 foot by 15 foot span. The effectiveness of the SVE events to date, as shown by a comparison of the confirmation borings (Confirmation-1 through Confirmation-4) and the adjacent previously documented borings, is unclear.

COP will conduct additional evaluation of the use of active SVE at the Site. The previously reported SVE radius of influence (ROI) of 35 feet will be confirmed. Based on the 35-foot ROI, the full extent of the affected area is within the effective SVE zone from the currently installed SVE wells (SVE-1 through SVE-4). However, this will be corroborated with further data.

Additional SVE events with varied durations and frequencies are under further consideration as well. COP will provide documentation of the additional SVE events in the next summary report.

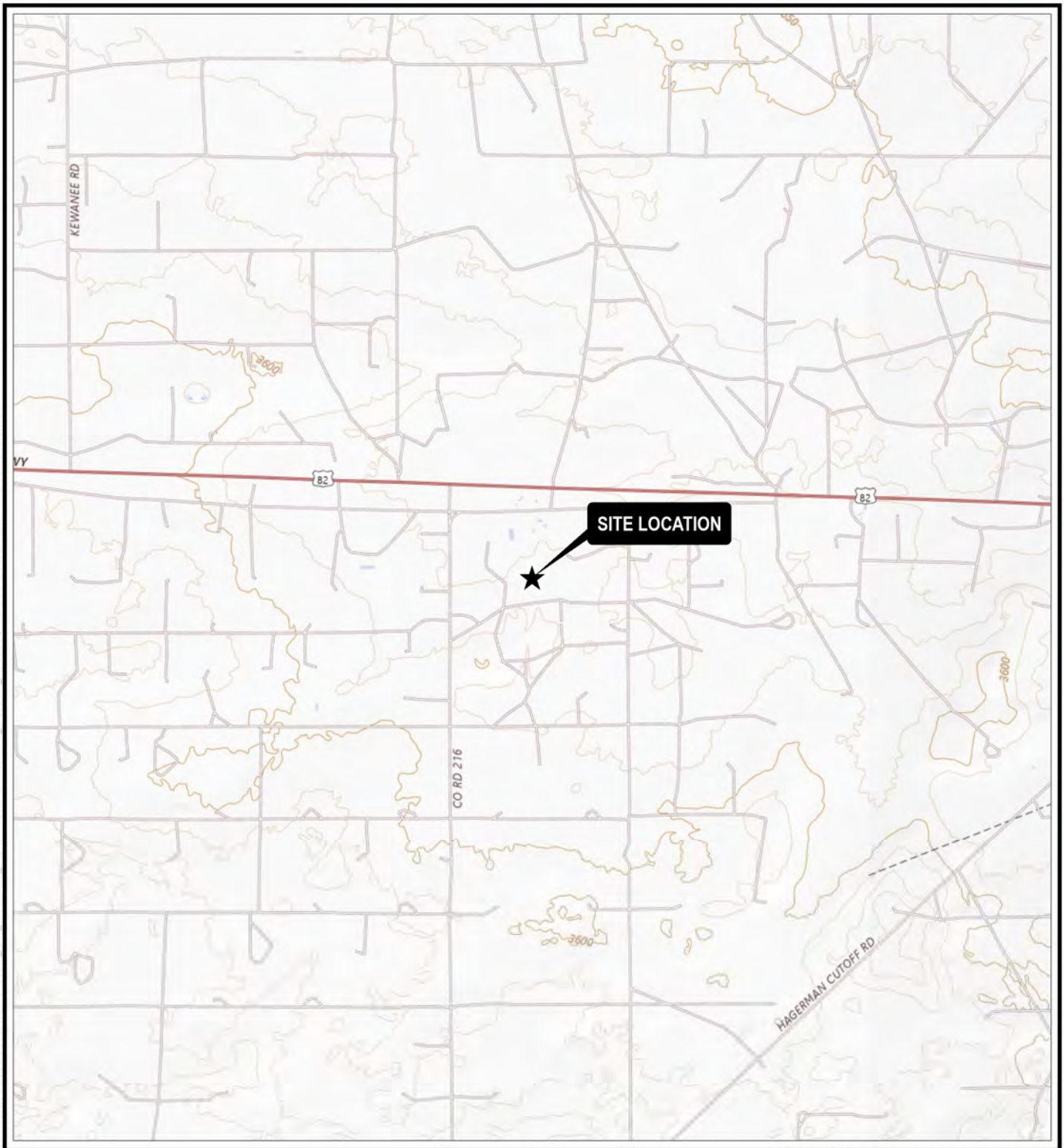
If you have any questions, or need any additional information, please feel free to contact myself or Ike Tavarez by phone or email.

DISTRIBUTION

Copy 1: Mike Bratcher
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Midland, TX 79705



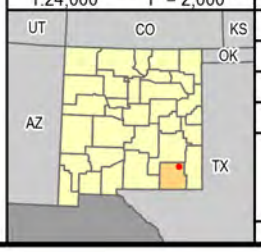
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DATA SOURCES: TRC

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PROJECT:
CONOCOPHILLIPS
SATELLITE G CTB
EDDY COUNTY, NEW MEXICO

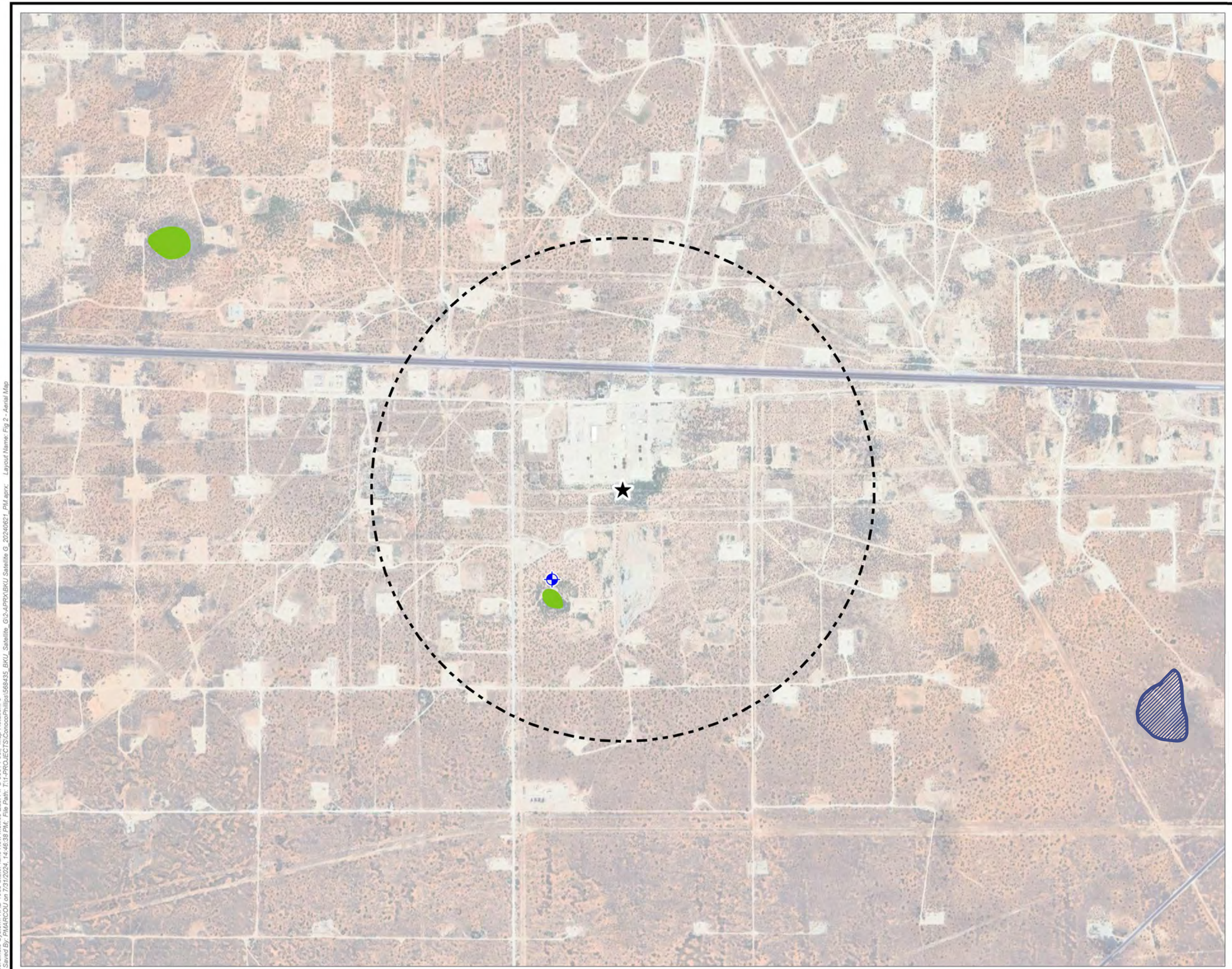
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SITE LOCATION MAP

DRAWN BY:	S. RAY	PROJ. NO.:	568435.0000.0000
CHECKED BY:	M. BRYANT		
APPROVED BY:	J. STOFFEL		FIGURE 1
DATE:	JULY 2024		

TRC

FILE: BKU SATELLITE G_20240621_PM

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SITE LOCATION

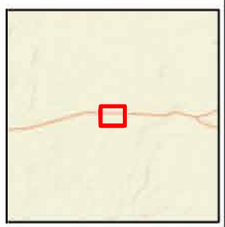
UNLISTED MONITORING WELLS

AREA INSIDE OF 100-YEAR FLOODPLAIN

FRESHWATER EMERGENT WETLAND

HALF-MILE RADIUS

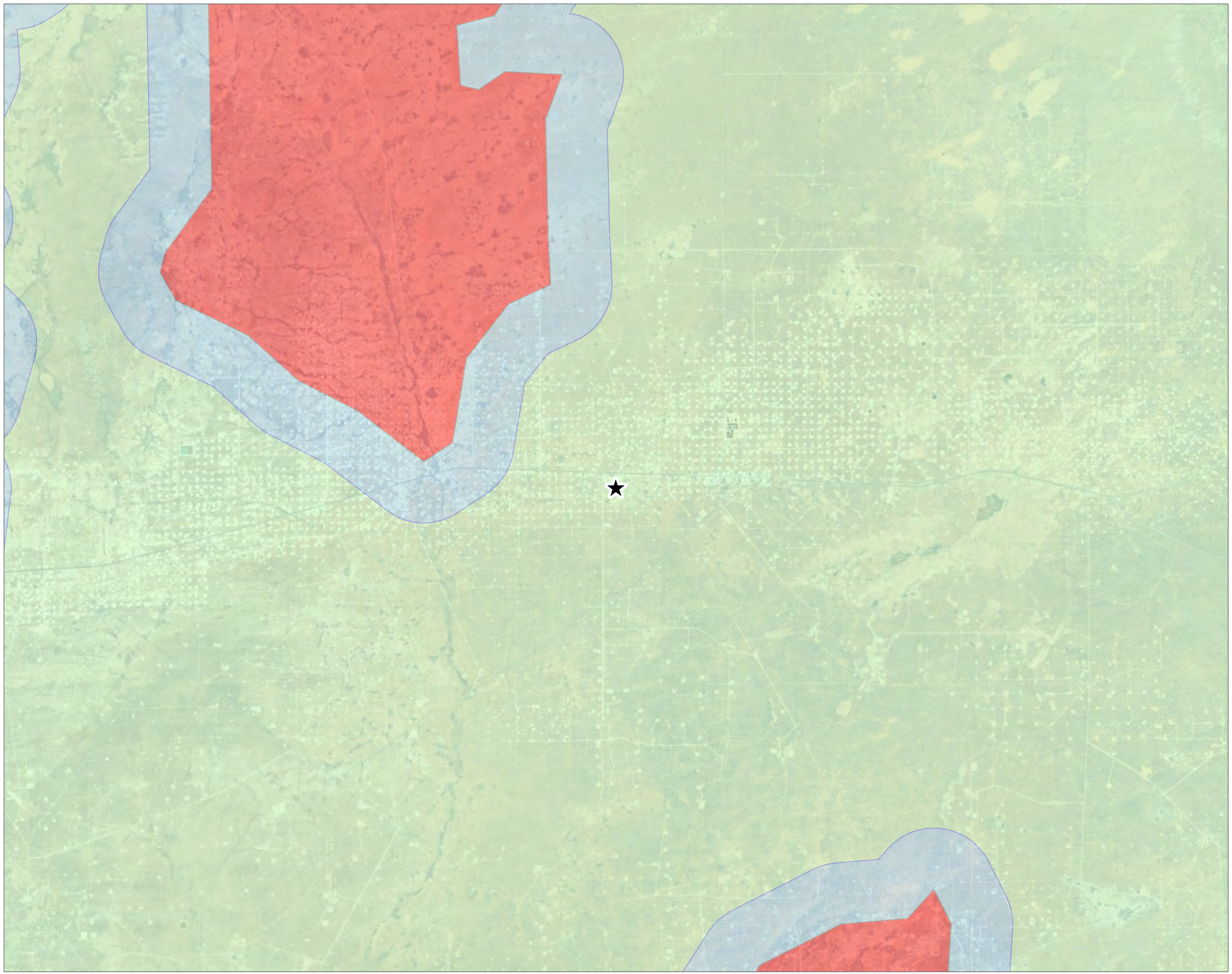
BASE MAP: GOOGLE EARTH AND THEIR DATA PARTNERS (6/11/2023).
DATA SOURCES: TRC, FEMA, NWI



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1" = 1,000'
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TITLE:	AERIAL MAP
DRAWN BY: S. RAY	PROJ. NO.: 568435.0000.0000
CHECKED BY: M. BRYANT	FIGURE 2
APPROVED BY: J. STOFFEL	
DATE: JULY 2024	
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SATELLITE G CTB
EDDY COUNTY, NEW MEXICO

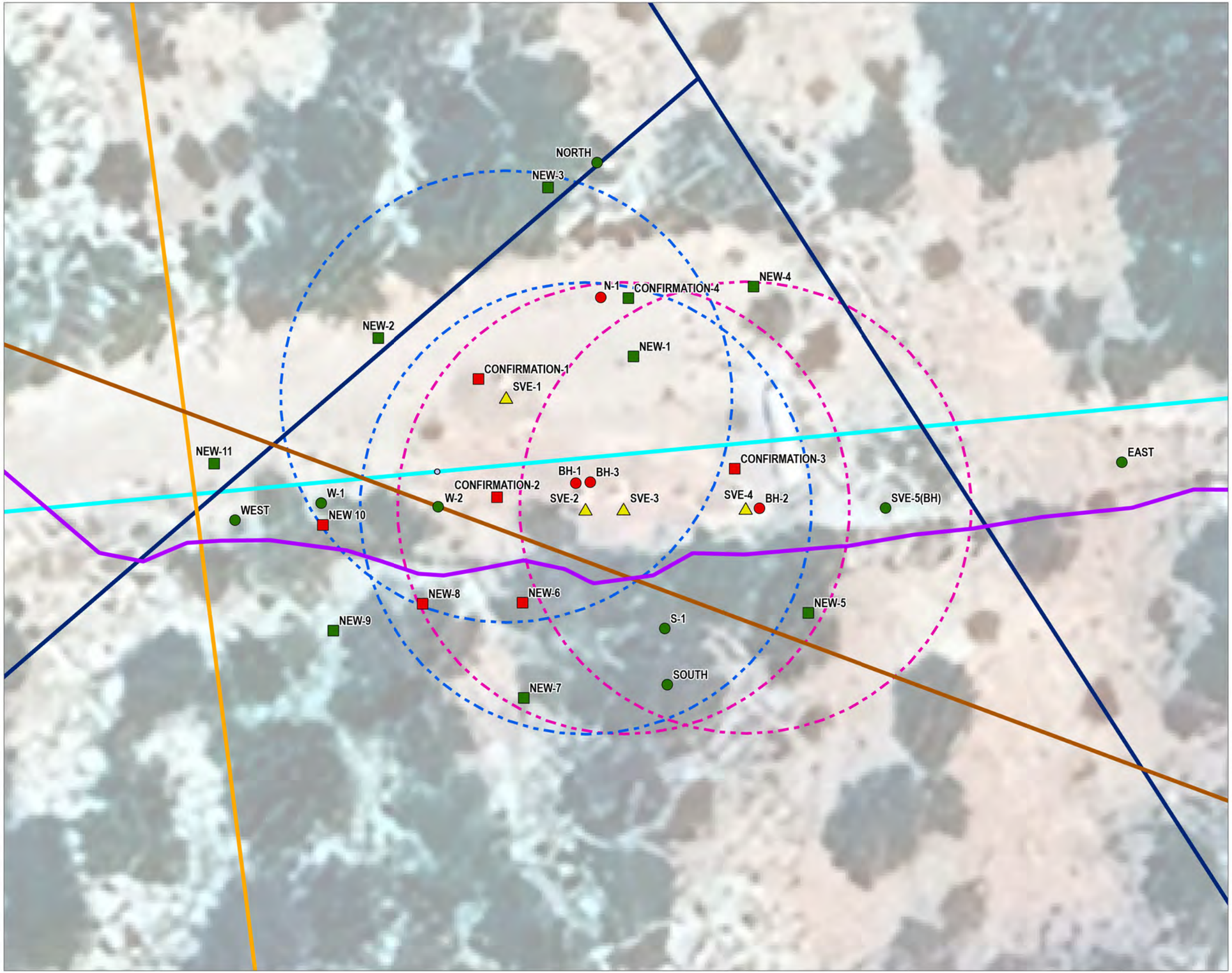
TITLE:
KARST POTENTIAL MAP

DRAWN BY:	S. RAY	PROJ. NO.:	568435.0000.0000
CHECKED BY:	M. BRYANT		FIGURE 3
APPROVED BY:	J. STOFFEL		
DATE:	JULY 2024		

TRC

FILE: BKU Satellite G_20240621_PM.aprx

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- APPROXIMATE RELEASE POINT
- TETRA TECH SOIL VAPOR EXTRACTION (SVE) WELL LOCATION
- TETRA TECH BORING LOCATION WITH ANALYTICAL BELOW NMOCD GUIDELINES
- TETRA TECH BORING LOCATION WITH ANALYTICAL ABOVE NMOCD GUIDELINES
- TRC BORING LOCATION WITH ANALYTICAL BELOW NMOCD GUIDELINES
- TRC BORING LOCATION WITH ANALYTICAL ABOVE NMOCD GUIDELINES
- FORMER CONOCOPHILLIPS FIBERGLASS LINE
- DCP LINE
- GRPS IDENTIFIED ANOMALY
- STEEL SURFACE/SUBSURFACE LINE
- SURVEY POLY LINE
- SVE RADIUS OF INFLUENCE (WELLS SCREENED FROM 7-50 FEET)
- SVE RADIUS OF INFLUENCE (WELLS SCREENED FROM 50-100 FEET)

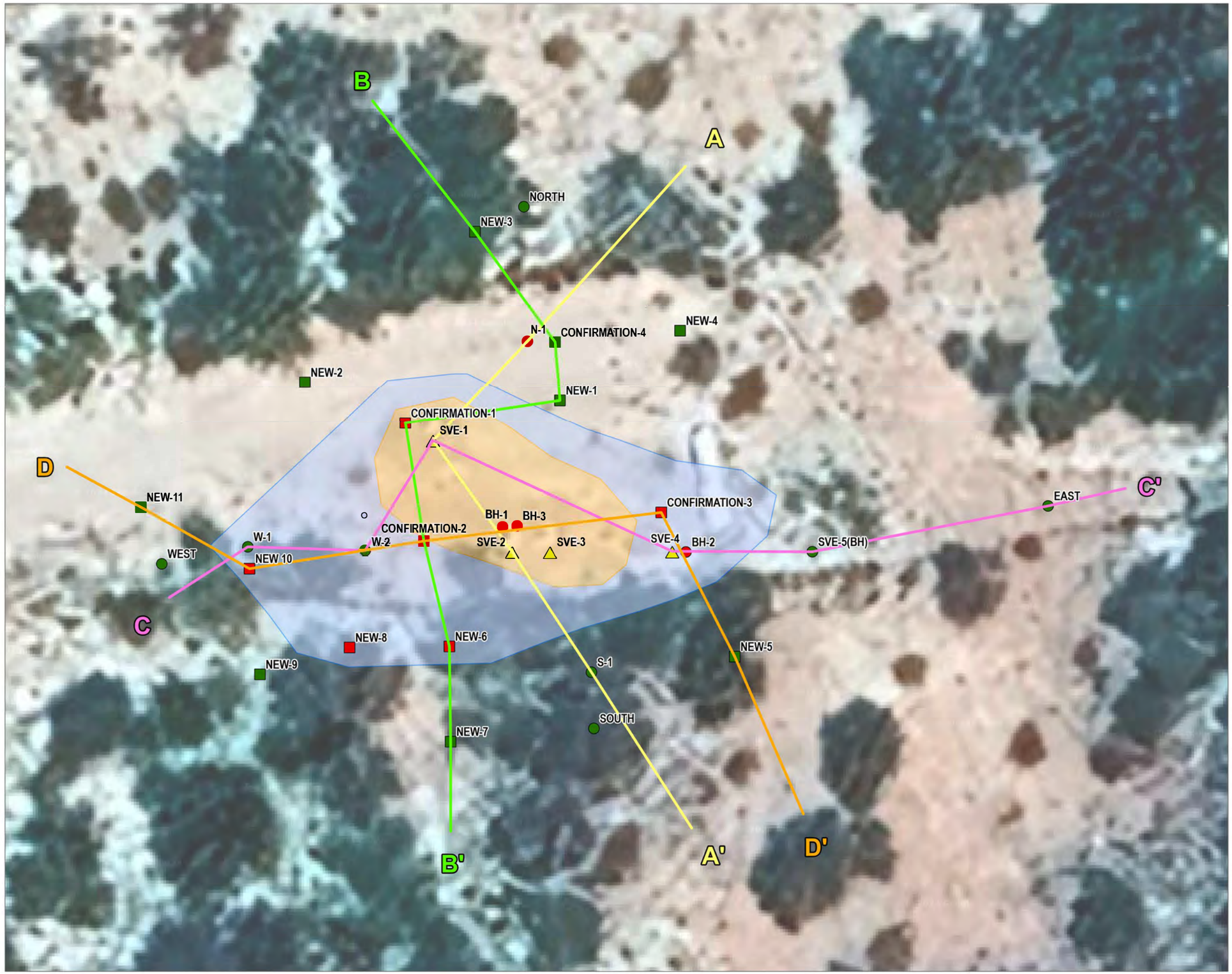
BASE MAP: GOOGLE EARTH AND THEIR DATA PARTNERS (6/11/2023)
DATA SOURCES: TRC, TETRA TECH

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1" = 15'
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TITLE:	SITE AND SAMPLE LOCATION MAP
DRAWN BY: S. RAY	PROJ. NO.: 568435.0000.0000
CHECKED BY: M. BRYANT	FIGURE 4
APPROVED BY: J. STOFFEL	
DATE: JULY 2024	
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Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet; Map Rotation: 0
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APPROXIMATE RELEASE POINT

TETRA TECH SOIL VAPOR EXTRACTION (SVE) WELL LOCATION

TETRA TECH BORING LOCATION WITH ANALYTICAL BELOW NMOCD GUIDELINES

TETRA TECH BORING LOCATION WITH ANALYTICAL ABOVE NMOCD GUIDELINES

TRC BORING LOCATION WITH ANALYTICAL BELOW NMOCD GUIDELINES

TRC BORING LOCATION WITH ANALYTICAL ABOVE NMOCD GUIDELINES

DELINEATED DEEP HYDROCARBON AFFECTED SOILS (DEEPER THAN 50 FEET BGS)

DELINEATED SHALLOW HYDROCARBON AFFECTED SOILS (SHALLOWER THAN 50 FEET BGS)

CROSS_SECTIONS

NAME

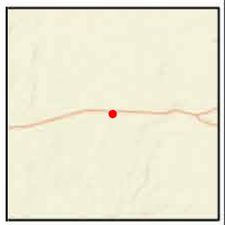
A-A'

B-B'

C-C'

D-D'

BASE MAP: GOOGLE EARTH AND THEIR DATA PARTNERS (6/11/2023).
DATA SOURCES: TRC, TETRA TECH



1:180
1" = 15'
0 7.5 15 FEET

PROJECT:	CONOCOPHILLIPS SATELLITE G CTB EDDY COUNTY, NEW MEXICO
TITLE:	CROSS SECTION TRANSECT MAP
DRAWN BY: P. MARCOU	PROJ. NO.: 568435.0000.0000
CHECKED BY: M. BRYANT	FIGURE 5
APPROVED BY: J. STOFFEL	
DATE: JULY 2024	
FILE:	BKU Satellite G_20240621_PM.aprx

Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet; Map Rotation: 0
Saved By: PMARCOU on 7/31/2024 14:45:39 PM; File Path: T:\PROJECTS\ConocoPhillips\568435_BKU_Satellite_G\3-APRX\BKU Satellite_G_20240621_PM.aprx; Layout Name: Fig 5 - Cross Sections Transects Map

North-South Transect Cross Sections

Previous Data (April - October 2019)

Depth	North																South			
	N-1				SVE-1				SVE-2 (BH-1)				S-1							
	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH				
RRAL	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500				
0-1	-	-	-	-	-	-	-	-	1.63	46	**20,120**	**22,710**	-	-	-	-				
3	-	-	-	-	-	-	-	-	1.03	41	**6,648**	**7,466**	-	-	-	-				
5	ND	ND	ND	ND	1.32	9.03	**6,092**	**6,900**	2.04	**59**	**7,250**	**7,931**	0.00211	0.00974	ND	ND				
10	ND	ND	ND	ND	**66.2**	**540**	**20,070**	**21,700**	-	-	-	-	ND	ND	ND	ND				
15	ND	ND	ND	ND	5.65	**109**	**6,430**	**7,130**	-	-	-	-	ND	0.151	ND	ND				
20	ND	ND	371	371	**33.9**	**274**	**8,110**	**8,650**	2	39	**4,710**	**5,199**	ND	ND	ND	ND				
25	ND	2.97023	**1,133**	**1,234**	-	-	-	-	-	-	-	-	ND	ND	ND	ND				
30	0.113	25.573	**4,188**	**4,575**	4.31	**67**	**4,809**	**5,240**	6	**100**	**5,710**	**6,198**	ND	ND	ND	ND				
40	0.22	24.08	**4,125**	**4,525**	**26.3**	**317**	**9,740**	**10,300**	1.53	**42**	**6,230**	**6,884**	ND	ND	ND	ND				
50	0.245	41.095	**4,306**	**4,710**	23	**266**	**7,820**	**8,290**	4.89	**397**	**10,200**	**10,932**	-	-	-	-				
60	0.00653	0.07603	141	141	**12.8**	**203**	**6,740**	**7,190**	6.67	**224**	**7,020**	**7,587**	-	-	-	-				
70	0.0032	0.03444	117	117	**16.5**	**270**	**7,790**	**8,280**	6.09	**284**	**9,110**	**9,815**	-	-	-	-				
80	-	-	-	-	9.55	**182**	**7,530**	**8,060**	5.23	**263**	**10,040**	**10,806**	-	-	-	-				
90	-	-	-	-	ND	ND	25.2	25.2	0.902	**78**	**7,380**	**8,078**	-	-	-	-				
100	-	-	-	-	0.000439	0.12	300.5	340	-	-	-	-	-	-	-	-				

Recent Data (January 2024)

Depth	North																				South			
	New-3 (New)				Confirmation-4 (N-1)				New-1 (New)				Confirmation-1 (SVE-1)				Confirmation-2 (SVE-2)				New-6 (New)				New-7 (New)			
	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH
RRAL	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500
0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	165	165	ND	ND	298	390	ND	10.9	**3,653**	**4,420**	ND	ND	ND	ND	ND	ND	81.4	81.4
3	ND	ND	ND	ND	ND	ND	150	233	ND	ND	ND	ND	ND	0.0325	155	155	ND	0.754	452	612	ND	ND	ND	ND	ND	ND	60.9	60.9
5	ND	ND	52.5	52.5	ND	ND	96.9	96.9	ND	ND	ND	ND	ND	0.897	**4,590**	**5,310**	ND	1.40	**2,180**	**2,640**	ND	ND	ND	ND	ND	ND	ND	ND
10	ND	ND	58.8	58.8	ND	ND	ND	ND	ND	ND	257	257	6.55	**251**	**14,140**	**15,900**	**0.152**	26.4	**2,295**	2,300	ND	ND	ND	ND	ND	ND	ND	ND
15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	174	174	8.57	**209**	**10,550**	**11,900**	**10**	**180**	**5,520**	**5,520**	ND	ND	ND	ND	ND	ND	ND	ND
20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.63	**113**	**1,355**	**1,500**	**13**	**156**	**3,485**	**3,490**	0.667	29.9	**1,048**	1,050	ND	ND	ND	ND
25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**27**	**222**	**1,472**	**1,630**	**1.10**	**90**	**4,180**	**4,180**	ND	42.2	**2,094**	2,090	ND	ND	ND	ND
30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.03	**295**	**5,830**	**6,580**	**0.823**	**71**	**2,139**	2,140	1.06	**56.1**	**3,077**	**3,080**	ND	ND	ND	ND
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.952**	**109**	**5,810**	**5,810**	-	-	-	-	-	-	-	-
40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.13	**328**	**6,910**	**7,730**	**14.1**	**228**	**2,890**	**2,890**	ND	ND	**1,383**	1,380	ND	ND	ND	ND
45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**8.30**	**198**	**3,940**	**3,940**	-	-	-	-	-	-	-	-
50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**19**	**510**	**9,960**	**11,100**	**2.17**	**207**	**5,320**	**5,320**	ND	37.4	**1,331**	1,330	ND	ND	ND	ND
60	-	-	-	-	ND	ND	ND	ND	-	-	-	-	9	**272**	**4,160**	**4,600**	**1.11**	**84.7**	**2,490**	2,490	**14.7**	**407**	**605**	605	-	-	-	-
70	-	-	-	-	ND	ND	ND	ND	-	-	-	-	**28**	**507**	**8,110**	**9,070**	**1.56**	**88.7**	**1,206**	1,210	0.768	27.6	**1,131**	1,130		-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	0.0439	15.9	**2,060**	2,320	ND	ND	246	246	7.39	**453**	**10,480**	**10,500**	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	253	310	ND	ND	64.7	64.7	0.00764	0.386	294	294	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0172	325	376	ND	1.66	109	109	0.00286	0.140	367	367	-	-	-	-

East-West Transect Cross Sections

Depth	West	Previous Data (April - October 2019)																			East			
	W-1				W-2				SVE-1(BH-1)				SVE-4 (BH-2)				SVE-5???????				East			
	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH
RRAL	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500
0-1	-	-	-	-	-	-	-	-	1.63	46.03	**20,120**	**22,710**	0.0125	0.812	**20,085**	**22,655**	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	1.03	41.27	**6,648**	**7,466**	0.0948	0.5215	**1,041.8**	1,215	-	-	-	-	-	-	-	-
5	ND	ND	ND	ND	ND	ND	ND	ND	2.04	**59**	**7,250**	**7,931**	0.086	0.3666	220	246	0.0122	0.0175	ND	ND	ND	ND	ND	ND
10	ND	ND	ND	ND	ND	ND	ND	ND	**-**	-	-	-	ND	5.9	**2,271**	2,498	0.00283	0.00606	ND	ND	ND	ND	ND	ND
15	ND	ND	ND	ND	ND	0.864	845	923	**-**	-	-	-	-	-	**7,160**	**7,880**	0.00804	0.0123	ND	ND	ND	ND	ND	ND
20	ND	ND	ND	ND	ND	ND	ND	ND	2	39.1	**4,710**	**5,199**	-	-	**939**	1,040	0.00041	0.00409	10.1	10.1	ND	ND	ND	ND
25	-	-	-	-	ND	ND	ND	ND	**-**	-	-	-	-	-	**4,396**	**4,725**	-	-	-	-	-	-	-	-
30	-	-	-	-	ND	ND	ND	ND	6	**100**	**5,710**	**6,198**	ND	5.02	**2,614**	**2,835**	0.00211	0.00322	ND	ND	-	-	-	-
40	-	-	-	-	-	-	-	-	1.53	**42**	**6,230**	**6,884**	-	-	-	-	ND	ND	ND	ND	-	-	-	-
50	-	-	-	-	-	-	-	-	4.89	**397**	**10,200**	**10,932**	ND	ND	38.7	38.7	ND	ND	ND	ND	-	-	-	-
60	-	-	-	-	-	-	-	-	6.67	**224**	**7,020**	**7,587**	ND	ND	16.8	16.8	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	6.09	**284**	**9,110**	**9,815**	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	5.23	**263**	**10,040**	**10,806**	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	0.902	**77.6**	**7,380**	**8,078**	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Depth	West	Recent Data (January 2024)																East			
	New-11 (New)				New-10 (New)				Confirmation-2 (SVE-2)				Confirmation-3 (SVE-4)				New-5 (New)			
	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH	Benzene	BTEX	GRO/DRO	TPH
RRAL	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500	10	50	1000	2500
0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.9	**3,653**	**4,420**	ND	1.36	**26,100**	**33,200**	ND	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.754	452	612	ND	ND	479	687	ND	ND	ND	ND
5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.40	**2,180**	**2,640**	ND	ND	**6,360**	**8,010**	ND	ND	ND	ND
10	ND	ND	ND	ND	ND	ND	ND	ND	**0.152**	26.4	**2,295**	2,300	ND	17.2	**2,131**	2,130	ND	ND	ND	ND
15	ND	ND	ND	ND	ND	0.527	893	1,020	**10.1**	**180**	**5,520**	**5,520**	2.17	**94.0**	**10,560**	**10,600**	ND	ND	ND	ND
20	ND	ND	ND	ND	ND	23.2	384.2	435	**12.7**	**156**	**3,485**	**3,490**	ND	14.1	**1,283**	1,280	ND	ND	ND	ND
25	ND	ND	ND	ND	ND	**65.7**	**4,967**	**4,970**	1.10	**90.1**	**4,180**	**4,180**	1.07	**217**	**10,550**	**10,600**	ND	ND	ND	ND
30	ND	ND	ND	ND	0.00337	19.3	734.7	833	0.823	**71.2**	**2,139**	2,140	0.123	**93.8**	**4,612**	**4,610**	ND	ND	ND	ND
35	-	-	-	-	-	-	-	-	0.952	**109**	**5,810**	**5,810**	-	-	-	-	-	-	-	-
40	ND	ND	ND	ND	ND	0.810	**2,576**	**2,580**	**14.1**	**228**	**2,890**	**2,890**	1.17	**176**	**5,970**	**5,970**	ND	ND	ND	ND
45	-	-	-	-	-	-	-	-	8.30	**198**	**3,940**	**3,940**	-	-	-	-	-	-	-	-
50	ND	ND	ND	ND	ND	1.19	**2,063**	2,060	2.17	**207**	**5,320**	**5,320**	ND	ND	ND	ND	ND	ND	ND	ND
60	-	-	-	-	ND	1.26	**1,360**	1,560	1.11	**85**	**2,490**	2,490	ND	ND	ND	ND	-	-	-	-
70	-	-	-	-	0.00336	0.402	66.8	66.8	1.56	**89**	**1,206**	1,210	-	-	-	-	-	-	-	-
80	-	-	-	-	ND	<0.00399	96.1	96.1	ND	ND	246	246	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	ND	ND	64.7	64.7	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	ND	1.66	109	109	-	-	-	-	-	-	-	-

Released to Imaging: 1/10/2025 10:56:20 AM

Received by OCD: 9/9/2024 2:12:16 PM

TABLE 1
COP, BKU Satellite G CTB
Summary of Delineation Sampling Analytical Results

SAMPLE ID	DATE	PID Data (PPM)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	m-Xylene & p-Xylene	o-Xylene	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO) C6-C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	GRO+DRO	Oil Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines			**10**						**50**			**1,000**		**2,500**	**20,000**
Confirmation Boring-1 @ 0-1'	1/22/2024	--	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.6	298	298	92.1	390	389
Confirmation Boring-1 @ 3'	1/22/2024	--	<0.00199	0.00555	0.01	0.01	0.00698	0.017	0.0325	<50.1	155	155	<50.1	155	--
Confirmation Boring-1 @ 5'	1/22/2024	--	<0.0994	<0.0994	0.316	0.35	0.231	0.581	0.897	<50.5	4,590	**4,590**	720	**5,310**	--
Confirmation Boring-1 @ 10'	1/18/2024	1585	6.55	41.8	75.2	85.2	42.2	127	**251**	3,740	10,400	**14,140**	1,790	**15,900**	--
Confirmation Boring-1 @ 15'	1/18/2024	1564	8.57	38.9	67.3	64.2	30.1	94.3	**209**	2,140	8,410	**10,550**	1,390	**11,900**	--
Confirmation Boring-1 @ 20'	1/18/2024	1140	2.63	22.9	35.7	31.7	19.9	51.6	**113**	295	1,060	**1,355**	145	1,500	--
Confirmation Boring-1 @ 25'	1/18/2024	1810	**27.1**	51.8	58.1	59.7	25.7	85.4	**222**	372	1,100	**1,472**	159	1,630	--
Confirmation Boring-1 @ 30'	1/18/2024	3445	8.03	97.5	81.6	73.9	33.5	104	**295**	1,690	4,140	**5,830**	747	**6,580**	--
Confirmation Boring-1 @ 40'	1/18/2024	3020	6.13	119	92.3	76.6	33.9	111	**328**	2,140	4,770	**6,910**	817	**7,730**	--
Confirmation Boring-1 @ 50'	1/18/2024	4030	**19.0**	194	131	117	49.1	166	**510**	3,480	6,480	**9,960**	1,110	**11,100**	--
Confirmation Boring-1 @ 60'	1/18/2024	4039	8.50	114	76.2	46.2	27.0	73.2	**272**	1,130	3,030	**4,160**	440	**4,600**	--
Confirmation Boring-1 @ 70'	1/18/2024	3345	**28.3**	205	119	108	47.0	155	**507**	2,480	5,630	**8,110**	959	**9,070**	--
Confirmation Boring-1 @ 80'	1/18/2024	970	0.0439	3.18	4.79	5.70	2.16	7.86	15.9	170	1,890	**2,060**	260	2,320	--
Confirmation Boring-1 @ 90'	1/18/2024	50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.5	253	253	56.8	310	--
Confirmation Boring-1 @ 100'	1/18/2024	59.4	<0.00199	0.00237	0.00484	0.00626	0.00368	0.00994	0.0172	<50.1	325	325	51.0	376	--
Confirmation Boring-2 @ 0-1'	1/22/2024	--	<0.0998	1.79	3.75	3.84	1.55	5.39	10.9	113	3,540	**3,653**	771	**4,420**	1,090
Confirmation Boring-2 @ 3'	1/22/2024	--	<0.00201	0.237	0.218	0.201	0.0984	0.299	0.754	<50.4	452	452	160	612	896
Confirmation Boring-2 @ 5'	1/22/2024	--	<0.100	<0.100	0.588	0.396	0.415	0.811	1.40	<50.4	2,180	**2,180**	461	**2,640**	980
Confirmation Boring-2 @ 10'	1/18/2024	2020	0.152	2.81	10.1	10.9	2.48	13.4	26.4	395	1,900	**2,295**	<49.9	2,300	7,310
Confirmation Boring-2 @ 15'	1/18/2024	2617	**10.1**	3.53	77.6	79.6	9.12	88.7	**180**	1,450	4,070	**5,520**	<49.7	**5,520**	4,750
Confirmation Boring-2 @ 20'	1/18/2024	1152	**12.7**	44.4	31.7	51.2	16.4	67.6	**156**	705	2,780	**3,485**	<50.0	**3,490**	2,320
Confirmation Boring-2 @ 25'	1/18/2024	3552	1.10	22.6	23.9	32.9	9.62	42.5	**90.1**	1,220	2,960	**4,180**	<50.1	**4,180**	265
Confirmation Boring-2 @ 30'	1/18/2024	3216	0.823	17.2	19.8	24.2	9.2	33.4	**71.2**	689	1,450	**2,139**	<50.2	2,140	--
Confirmation Boring-2 @ 35'	1/18/2024	3998	0.952	31.8	31.0	33.0	12.6	47.3	**109**	1,250	4,560	**5,810**	<50.1	**5,810**	--
Confirmation Boring-2 @ 40'	1/18/2024	4210	**14.1**	86.1	51.5	57.3	18.9	76.2	**228**	1,150	1,740	**2,890**	<50.4	**2,890**	--
Confirmation Boring-2 @ 45'	1/18/2024	3215	8.30	72.3	46.5	53.5	17.1	70.6	**198**	1,280	2,660	**3,940**	<49.8	**3,940**	--
Confirmation Boring-2 @ 50'	1/18/2024	4257	2.17	60.0	58.8	63.5	22.7	86.2	**207**	1,100	4,220	**5,320**	<49.9	**5,320**	--
Confirmation Boring-2 @ 60'	1/18/2024	4801	1.11	27.4	19.2	27.4	9.58	37.0	**84.7**	530	1,960	**2,490**	<49.6	2,490	--
Confirmation Boring-2 @ 70'	1/18/2024	2910	1.56	27.4	22.7	27.3	9.69	37.0	**88.7**	317	889	**1,206**	<50.0	1,210	--
Confirmation Boring-2 @ 80'	1/18/2024	54.1	<0.0199	<0.0199	<0.0199	<0.0398	<0.0199	<0.0398	<0.0398	<50.2	246	246	<50.2	246	--
Confirmation Boring-2 @ 90'	1/18/2024	24.1	<0.0200	<0.0200	<0.0200	<0.0401	<0.0200	<0.0401	<0.0401	<50.1	64.7	64.7	<50.1	64.7	--
Confirmation Boring-2 @ 100'	1/18/2024	32.5	<0.0998	0.476	0.425	0.527	0.233	0.760	1.66	<50.3	109	109	<50.3	109	--
Confirmation Boring-3 @ 0-1'	1/22/2024	--	<0.100	0.458	0.663	<0.201	0.238	0.238	1.36	<498	26,100	**26,100**	7,130	**33,200**	117
Confirmation Boring-3 @ 3'	1/22/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	479	479	208	687	--
Confirmation Boring-3 @ 5'	1/22/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<250	6,360	**6,360**	1,650	**8,010**	--
Confirmation Boring-3 @ 10'	1/18/2024	350.6	<0.201	<0.201	6.61	9.25	1.32	10.6	17.2	251	1,880	**2,131**	<50.0	2,130	--
Confirmation Boring-3 @ 15'	1/18/2024	676.4	2.17	5.41	35.5	49.3	1.57	50.9	**94.0**	1,630	8,930	**10,560**	<250	**10,600**	--
Confirmation Boring-3 @ 20'	1/18/2024	272.5	<0.199	0.927	5.83	6.12	1.21	7.33	14.1	123	1,160	**1,283**	<49.6	1,280	--
Confirmation Boring-3 @ 25'	1/18/2024	327.9	1.07	48.3	64.4	70.0	32.9	103	**217**	2,390	8,160	**10,550**	<249	**10,600**	--
Confirmation Boring-3 @ 30'	1/18/2024	1910	0.123	19.4	25.9	39.4	8.96	48.4	**93.8**	782	3,830	**4,612**	<50.2	**4,610**	--
Confirmation Boring-3 @ 40'	1/18/2024	2350	1.17	41.3	54.4	59.3	19.5	91.1	**176**	1,070	4,900	**5,970**	<50.4	**5,970**	--
Confirmation Boring-3 @ 50'	1/18/2024	5.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	--

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Confirmation Boring-3 @ 60'	1/18/2024	13.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	--
Confirmation Boring-4 @ 0-1'	1/22/2024	--	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	426
Confirmation Boring-4 @ 3'	1/22/2024	--	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.3	150	150	83.2	233	--
Confirmation Boring-4 @ 5'	1/22/2024	--	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	96.9	96.9	<49.9	96.9	--
Confirmation Boring-4 @ 10'	1/18/2024	0.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.5	<50.5	<50.5	<50.5	<50.5	--
Confirmation Boring-4 @ 15'	1/18/2024	2.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	--
Confirmation Boring-4 @ 20'	1/18/2024	1.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	--
Confirmation Boring-4 @ 25'	1/18/2024	0.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.7	<49.7	<49.7	<49.7	<49.7	--
Confirmation Boring-4 @ 30'	1/18/2024	0.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	--
Confirmation Boring-4 @ 40'	1/18/2024	0.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	--
Confirmation Boring-4 @ 50'	1/18/2024	0.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.1	<50.1	<50.1	<50.1	<50.1	--
Confirmation Boring-4 @ 60'	1/18/2024	2.0	<0.0200	<0.0200	<0.0200	<0.0399	<0.0200	<0.0399	<0.0399	<50.4	<50.4	<50.4	<50.4	<50.4	--
Confirmation Boring-4 @ 70'	1/18/2024	1.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.6	<49.6	<49.6	<49.6	<49.6	--
New Boring-1 @ 0-1'	1/23/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.7	165	165	<49.7	165	220
New Boring-1 @ 3'	1/23/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.6	<49.6	<49.6	<49.6	<49.6	--
New Boring-1 @ 5'	1/23/2024	--	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.3	<50.3	<50.3	<50.3	<50.3	--
New Boring-1 @ 10'	1/18/2024	112.05	<0.00199	<0.00199	<0.00199	<0.00398	0.00255	<0.00398	<0.00398	<49.8	257	257	<49.8	257	--
New Boring-1 @ 15'	1/18/2024	43.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	<0.00397	<0.00397	<50.0	174	174	<50.0	174	--
New Boring-1 @ 20'	1/18/2024	7.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	--
New Boring-1 @ 25'	1/18/2024	2.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<50.4	<50.4	<50.4	<50.4	<50.4	--
New Boring-1 @ 30'	1/18/2024	0.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.5	<50.5	<50.5	<50.5	<50.5	--
New Boring-1 @ 40'	1/18/2024	1.5	<0.00202	<0.00202	<0.00202	<0.00402	<0.00202	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	--
New Boring-1 @ 50'	1/18/2024	5.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	--
New Boring-2 @ 0-1'	1/23/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	123
New Boring-2 @ 3'	1/23/2024	--	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	--
New Boring-2 @ 5'	1/23/2024	--	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	--
New Boring-2 @ 10'	1/18/2024	0.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.5	<49.5	<49.5	<49.5	<49.5	--
New Boring-2 @ 15'	1/18/2024	0.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.5	<49.5	<49.5	<49.5	<49.5	--
New Boring-2 @ 20'	1/18/2024	1.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.2	<50.2	<50.2	<50.2	<50.2	--
New Boring-2 @ 25'	1/18/2024	5.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.3	<50.3	<50.3	<50.3	<50.3	--
New Boring-2 @ 30'	1/18/2024	2.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	--
New Boring-2 @ 40'	1/18/2024	1.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	--
New Boring-2 @ 50'	1/18/2024	2.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	--
New Boring-3 @ 0-1'	1/22/2024	--	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	52.6
New Boring-3 @ 3'	1/22/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.5	<50.5	<50.5	<50.5	<50.5	--
New Boring-3 @ 5'	1/22/2024	6.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.7	52.5	52.5	<49.7	52.5	--
New Boring-3 @ 10'	1/22/2024	0.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	58.8	58.8	<49.9	58.8	--
New Boring-3 @ 15'	1/22/2024	16.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.6	<49.6	<49.6	<49.6	<49.6	--
New Boring-3 @ 20'	1/22/2024	3.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	--
New Boring-3 @ 25'	1/22/2024	6.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	--
New Boring-3 @ 30'	1/22/2024	4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	--
New Boring-3 @ 40'	1/22/2024	0.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	--
New Boring-3 @ 50'	1/22/2024	0.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.6	<49.6	<49.6	<49.6	<49.6	--
New Boring-4 @ 0-1'	1/23/2024	--	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	162
New Boring-4 @ 3'	1/23/2024	--	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.4	<50.4	<50.4	<50.4	<50.4	--
New Boring-4 @ 5'	1/23/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.5	<50.5	<50.5	<50.5	<50.5	--
New Boring-4 @ 10'	1/18/2024	1.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	--
New Boring-4 @ 15'	1/18/2024	0.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.6	<49.6	<49.6	<49.6	<49.6	--

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New Boring-4 @ 20'	1/18/2024	0.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.2	<50.2	<50.2	<50.2	<50.2	--
New Boring-4 @ 25'	1/18/2024	0.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.5	<50.5	<50.5	<50.5	<50.5	--
New Boring-4 @ 30'	1/18/2024	0.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	--
New Boring-4 @ 40'	1/18/2024	0.000	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.1	<50.1	<50.1	<50.1	<50.1	--
New Boring-4 @ 50'	1/18/2024	0.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	--
New Boring-5 @ 0-1'	1/22/2024	--	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.3	<50.3	<50.3	<50.3	<50.3	221
New Boring-5 @ 3'	1/22/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	--
New Boring-5 @ 5'	1/22/2024	0.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.4	<50.4	<50.4	<50.4	<50.4	--
New Boring-5 @ 10'	1/22/2024	0.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.5	<50.5	<50.5	<50.5	<50.5	--
New Boring-5 @ 15'	1/22/2024	0.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.5	<49.5	<49.9	<49.5	<49.5	--
New Boring-5 @ 20'	1/22/2024	0.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	--
New Boring-5 @ 25'	1/22/2024	0.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	--
New Boring-5 @ 30'	1/22/2024	6.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	--
New Boring-5 @ 40'	1/22/2024	0.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	--
New Boring-5 @ 50'	1/22/2024	0.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.2	<50.2	<50.2	<50.2	<50.2	--
New Boring-6 @ 0-1'	1/22/2024	--	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	239
New Boring-6 @ 3'	1/22/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	--
New Boring-6 @ 5'	1/22/2024	1.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	--
New Boring-6 @ 10'	1/22/2024	3.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.1	<50.1	<50.1	<50.1	<50.1	--
New Boring-6 @ 15'	1/22/2024	761.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.3	<50.3	<50.3	<50.3	<50.3	--
New Boring-6 @ 20'	1/22/2024	976.2	0.667	0.798	13.7	13.4	1.30	14.7	29.9	110	938	**1,048**	<50.5	1,050	--
New Boring-6 @ 25'	1/22/2024	1,246	<0.0996	7.96	14.0	14.0	6.23	20.2	42.2	294	1,800	**2,094**	<49.9	2,090	--
New Boring-6 @ 30'	1/22/2024	1,516	1.06	4.43	2.94	33.4	14.3	47.7	**56.1**	627	2,450	**3,077**	<49.7	**3,080**	--
New Boring-6 @ 40'	1/22/2024	786.1	<0.998	1.59	<0.998	<2.00	<0.998	<2.00	<2.00	363	1,020	**1,383**	<49.9	1,380	--
New Boring-6 @ 50'	1/22/2024	856.2	<0.101	7.83	11.5	11.4	6.70	18.1	37.4	241	1,090	**1,331**	<50.3	1,330	--
New Boring-6 @ 60'	1/22/2024	1,050	**14.7**	131	89.9	131	40.3	171	**407**	114	491	605	<50.3	605	--
New Boring-6 @ 70'	1/22/2024	1,534	0.768	9.63	7.04	7.15	3.04	10.2	27.6	313	818	**1,131**	<50.2	1,130	--
New Boring-6 @ 80'	1/22/2024	636	7.39	173	31.0	193	48.2	241	**453**	3,050	7,430	**10,480**	<252	**10,500**	--
New Boring-6 @ 90'	1/22/2024	27.5	0.00764	0.0594	0.0438	0.0318	0.243	0.275	0.386	<49.7	294	294	<49.7	294	--
New Boring-6 @ 100'	1/22/2024	32.6	0.00286	0.0123	0.0230	0.0318	0.0703	0.102	0.140	<50.0	367	367	<50.0	367	--
New Boring-7 @ 0-1'	1/22/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.1	81.4	81.4	<50.1	81.4	62.8
New Boring-7 @ 3'	1/22/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.5	60.9	60.9	<50.5	60.9	--
New Boring-7 @ 5'	1/22/2024	7.4	0.00212	<0.00200	0.00222	<0.00399	<0.00200	<0.00399	0.00434	<49.8	<49.8	<49.8	<49.8	<49.8	--
New Boring-7 @ 10'	1/22/2024	0.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	--
New Boring-7 @ 15'	1/22/2024	1.2	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	--
New Boring-7 @ 20'	1/22/2024	22.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.2	<50.2	<50.2	<50.2	<50.2	--
New Boring-7 @ 25'	1/23/2024	1.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.4	<50.4	<50.4	<50.4	<50.4	--
New Boring-7 @ 30'	1/23/2024	2.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	--
New Boring-7 @ 40'	1/23/2024	6.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.6	<49.6	<49.6	<49.6	<49.6	--
New Boring-7 @ 50'	1/23/2024	1.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.3	<50.3	<50.3	<50.3	<50.3	--
New Boring-8 @ 0-1'	1/23/2024	--	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.5	<50.5	<50.5	<50.5	<50.5	64.0
New Boring-8 @ 3'	1/23/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	--
New Boring-8 @ 5'	1/23/2024	0.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	--
New Boring-8 @ 10'	1/23/2024	3.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.3	72.5	<50.3	<50.3	72.5	--
New Boring-8 @ 15'	1/23/2024	937.2	4.59	19.7	60.6	56.7	39.8	96.5	**181**	415	1,320	**1,735**	192	1,930	--
New Boring-8 @ 20'	1/23/2024	792.8	<0.100	2.77	4.89	4.55	1.86	6.41	14.1	238	723	961	103	518	--
New Boring-8 @ 25'	1/23/2024	1,955	0.450	17.8	18.4	22.8	10.0	32.8	**69.5**	<50.1	449	449	69.0	518	--
New Boring-8 @ 30'	1/23/2024	1,392	2.09	63.8	63.8	55.5	28.4	83.9	**214**	334	1,280	**1,614**	184	1,800	--
New Boring-8 @ 40'	1/23/2024	3,251	**17.8**	227	144	123	51.2	174	**563**	3,560	7,150	**10,710**	1,130	**11,800**	--

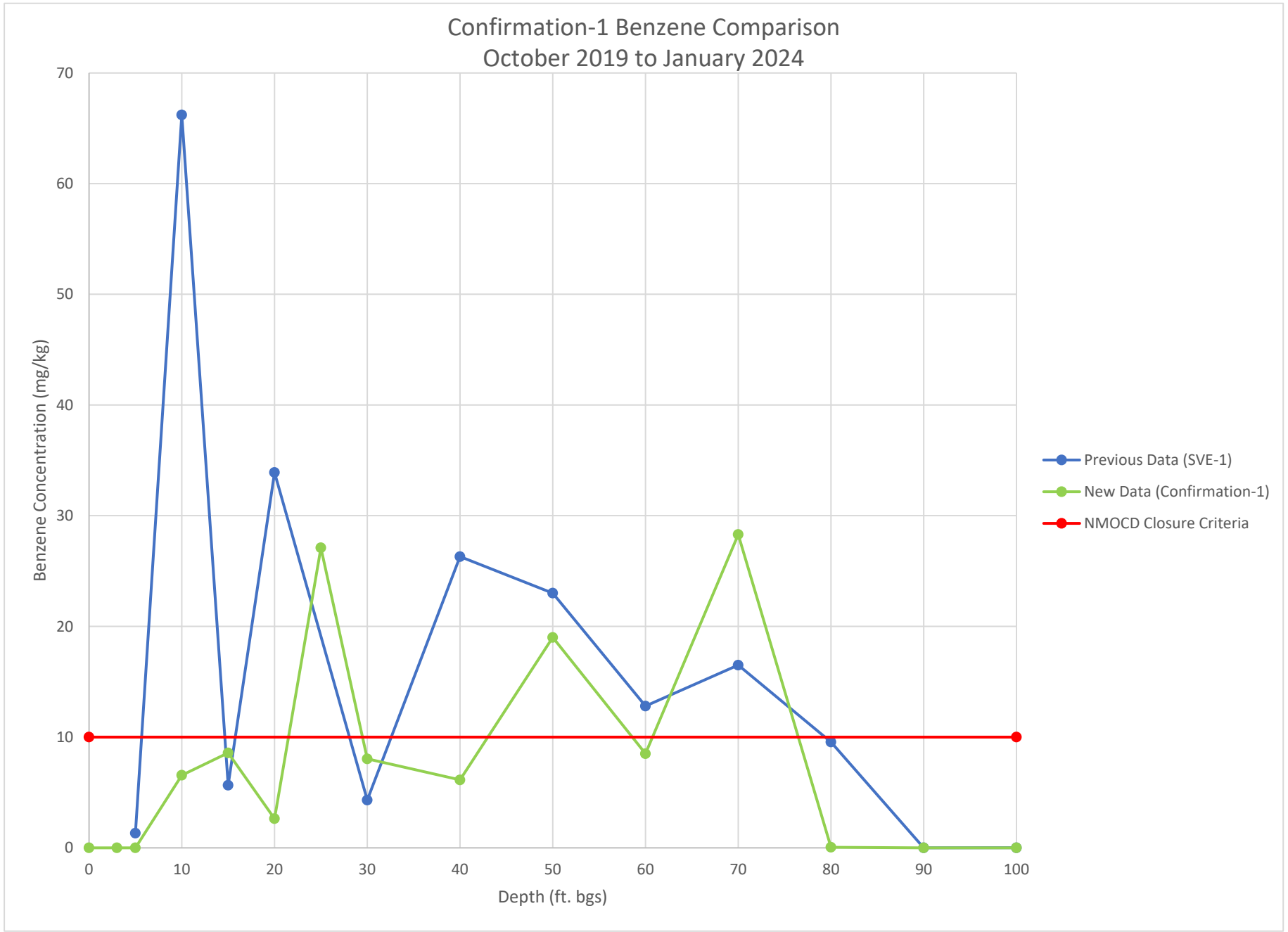
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New Boring-8 @ 50'	1/23/2024	4,070	4.57	99.3	91.6	77.4	32.7	110	**306**	1,130	5,740	**6,870**	<249	**6,870**	--
New Boring-8 @ 60'	1/23/2024	378.1	0.214	3.87	8.33	7.02	3.34	10.4	22.8	<49.7	751	751	109	860	--
New Boring-8 @ 70'	1/23/2024	295.1	<0.00199	0.0546	0.245	0.239	0.134	0.373	0.673	<50.4	361	361	60.7	422	--
New Boring-8 @ 80'	1/23/2024	42.5	0.202	1.71	3.24	3.41	1.40	4.81	9.96	103	1,040	**1,143**	152	1,300	--
New Boring-8 @ 90'	1/23/2024	25.6	0.00227	0.0415	0.0728	0.0702	0.0521	0.122	0.239	<49.9	93.8	93.8	<49.9	93.8	--
New Boring-8 @ 100'	1/23/2024	7.7	<0.00200	0.00391	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	--
New Boring-9 @ 0-1'	1/23/2024	--	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.2	<50.2	<50.2	<50.2	<50.2	78.4
New Boring-9 @ 3'	1/23/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.5	<50.5	<50.5	<50.5	<50.5	--
New Boring-9 @ 5'	1/23/2024	69.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.7	97.2	97.2	<49.7	97.2	--
New Boring-9 @ 10'	1/23/2024	7.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.5	<50.0	<50.0	--
New Boring-9 @ 15'	1/23/2024	2.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	--
New Boring-9 @ 20'	1/23/2024	2.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	--
New Boring-9 @ 25'	1/23/2024	1.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.6	<49.6	<49.6	<49.6	<49.6	--
New Boring-9 @ 30'	1/23/2024	0.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	--
New Boring-9 @ 40'	1/23/2024	0.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.4	<50.4	<50.4	<50.4	<50.4	--
New Boring-9 @ 50'	1/23/2024	0.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.4	<50.4	<50.4	<50.4	<50.4	--
New Boring-10 @ 0-1'	1/23/2024	--	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	5.28
New Boring-10 @ 3'	1/23/2024	--	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	--
New Boring-10 @ 5'	1/23/2024	0.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	--
New Boring-10 @ 10'	1/23/2024	0.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	--
New Boring-10 @ 15'	1/23/2024	1.2	<0.00201	0.00345	0.150	0.218	0.156	0.374	0.527	<49.9	893	893	130	1,020	--
New Boring-10 @ 20'	1/23/2024	1020	<0.0996	3.35	8.7	9.88	1.31	11.2	23.2	64.2	320	384.2	50.9	435	--
New Boring-10 @ 25'	1/23/2024	645.2	<0.0994	6.47	22.1	24.3	12.8	37.1	**65.7**	637	4,330	**4,967**	<50.1	**4,970**	--
New Boring-10 @ 30'	1/23/2024	215.2	0.00337	2.06	6.36	7.23	3.68	10.9	19.3	87.7	647	734.7	98.7	833	--
New Boring-10 @ 40'	1/23/2024	436.8	<0.00201	0.0101	0.240	0.327	0.233	0.560	0.810	136	2,440	**2,576**	<49.8	**2,580**	--
New Boring-10 @ 50'	1/23/2024	380	<0.00201	0.0267	0.343	0.492	0.326	0.818	1.19	73.2	1,990	**2,063.2**	<49.6	2,060	--
New Boring-10 @ 60'	1/23/2024	70.9	<0.00199	0.0245	0.367	0.541	0.331	0.872	1.26	<49.9	1,360	**1,360**	197	1,560	--
New Boring-10 @ 70'	1/23/2024	18.1	0.00336	0.0570	0.110	0.133	0.0986	0.232	0.402	<49.6	66.8	66.8	<49.6	66.8	--
New Boring-10 @ 80'	1/23/2024	--	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.6	96.1	96.1	<49.6	96.1	--
New Boring-11 @ 0-1'	1/23/2024	--	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	239
New Boring-11 @ 3'	1/23/2024	--	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.3	<50.3	<50.3	<50.3	<50.3	--
New Boring-11 @ 5'	1/23/2024	0.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.3	<50.3	<50.3	<50.3	<50.3	--
New Boring-11 @ 10'	1/23/2024	0.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	--
New Boring-11 @ 15'	1/23/2024	0.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	--
New Boring-11 @ 20'	1/23/2024	0.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.5	<49.5	<49.5	<49.5	<49.5	--
New Boring-11 @ 25'	1/23/2024	0.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	--
New Boring-11 @ 30'	1/23/2024	0.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	--
New Boring-11 @ 40'	1/23/2024	0.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	--
New Boring-11 @ 50'	1/23/2024	0.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.5	<50.5	<50.5	<50.5	<50.5	--

X-Above NMOCD Guidelines

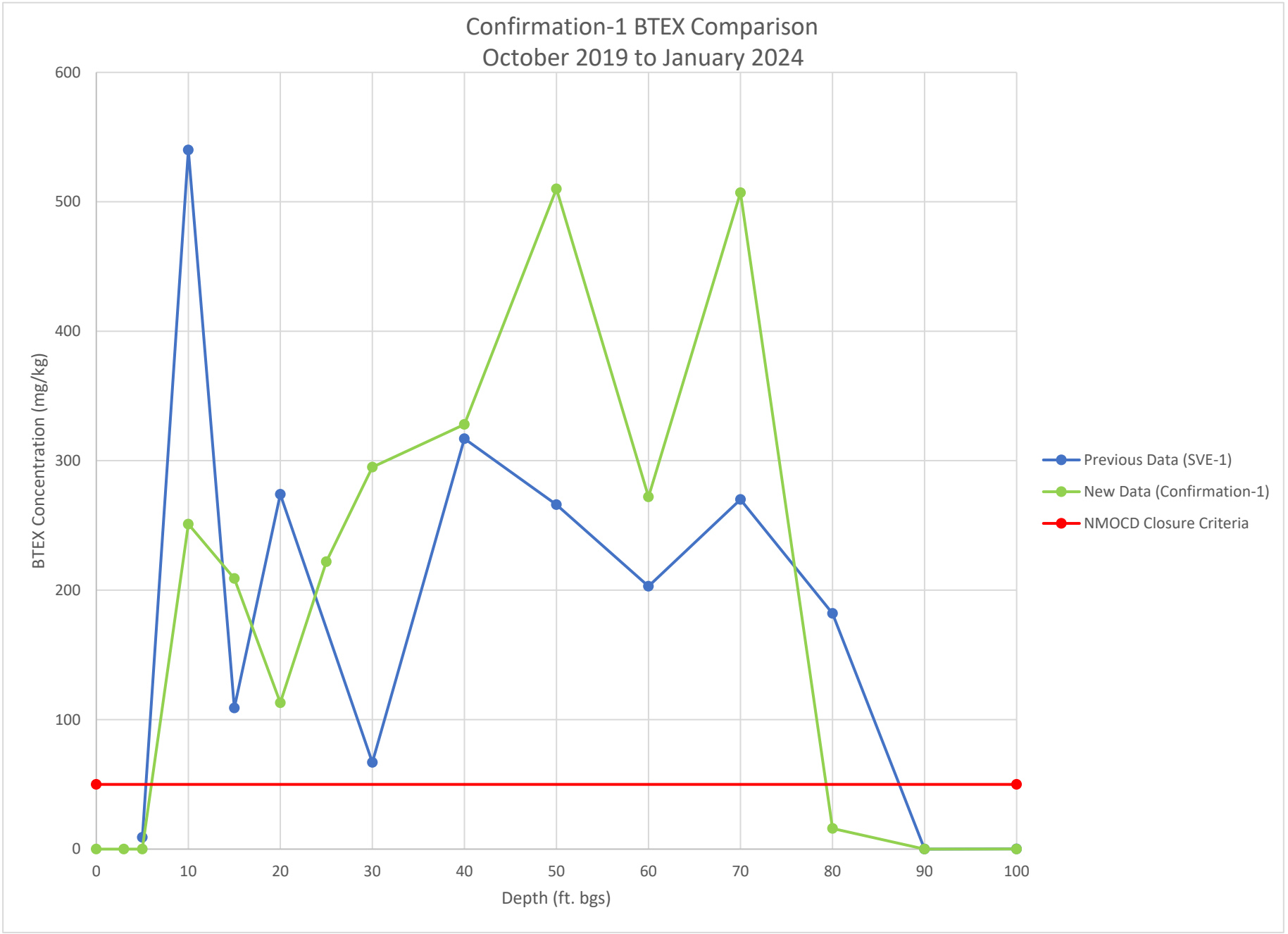
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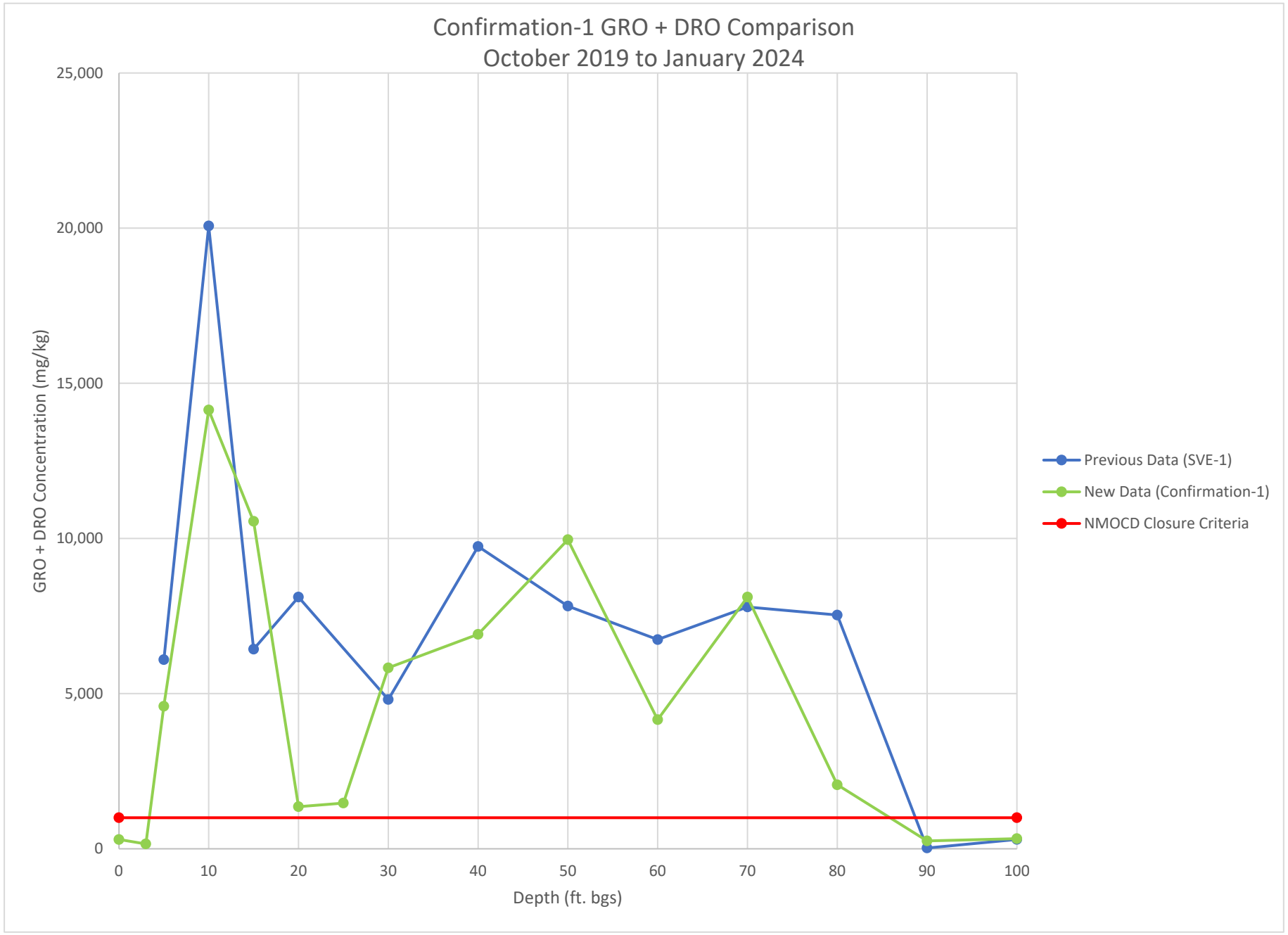


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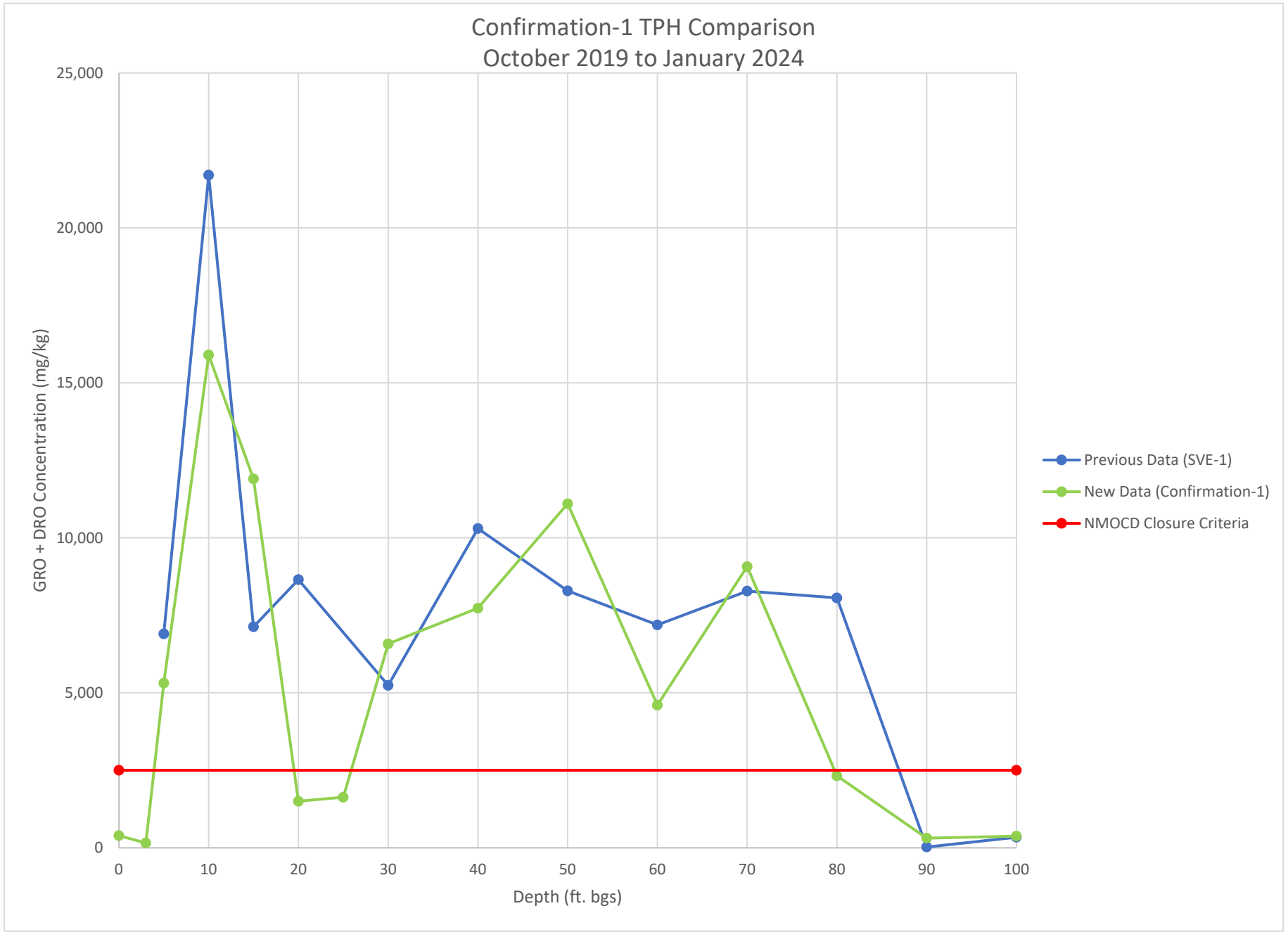
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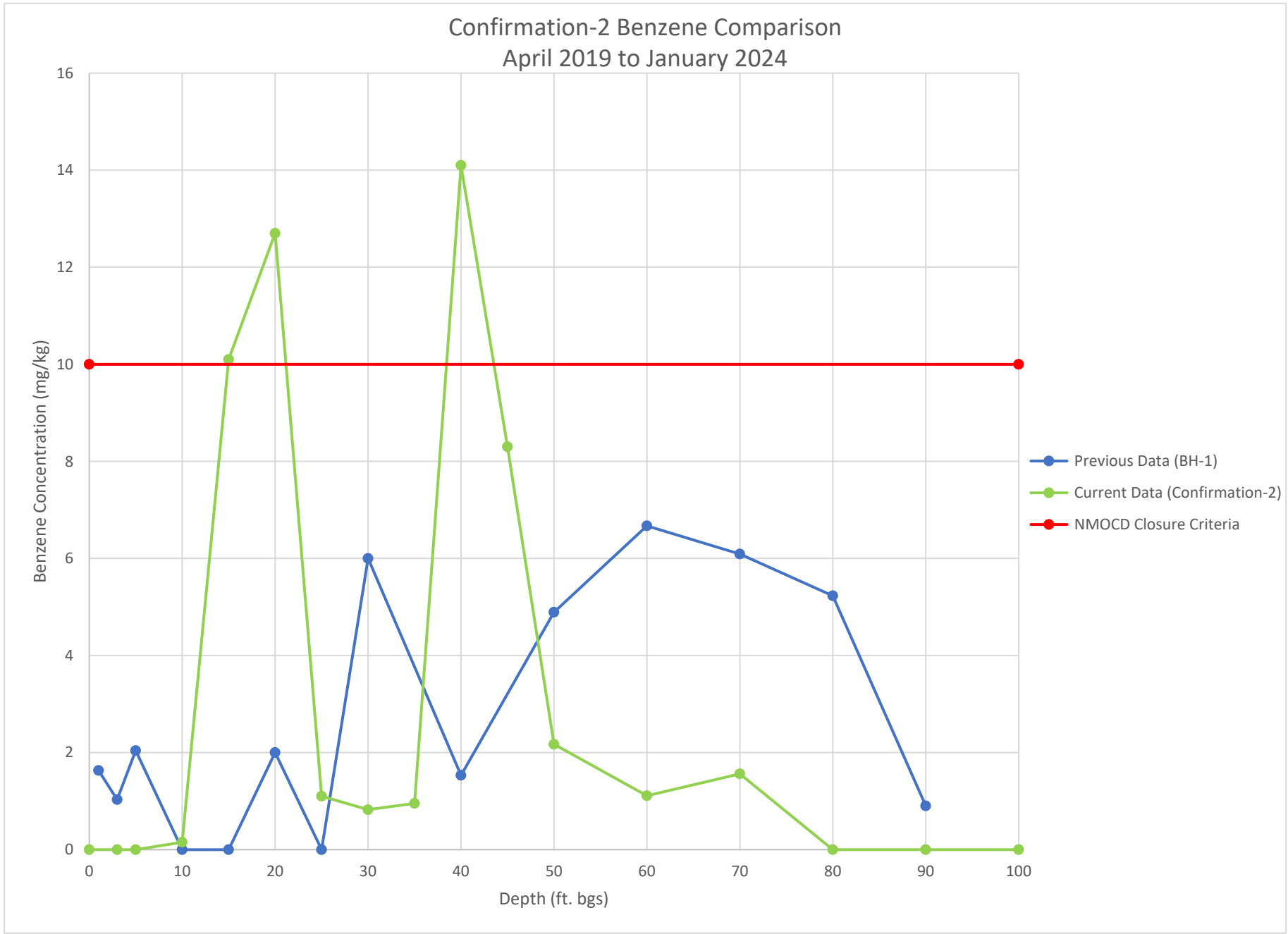
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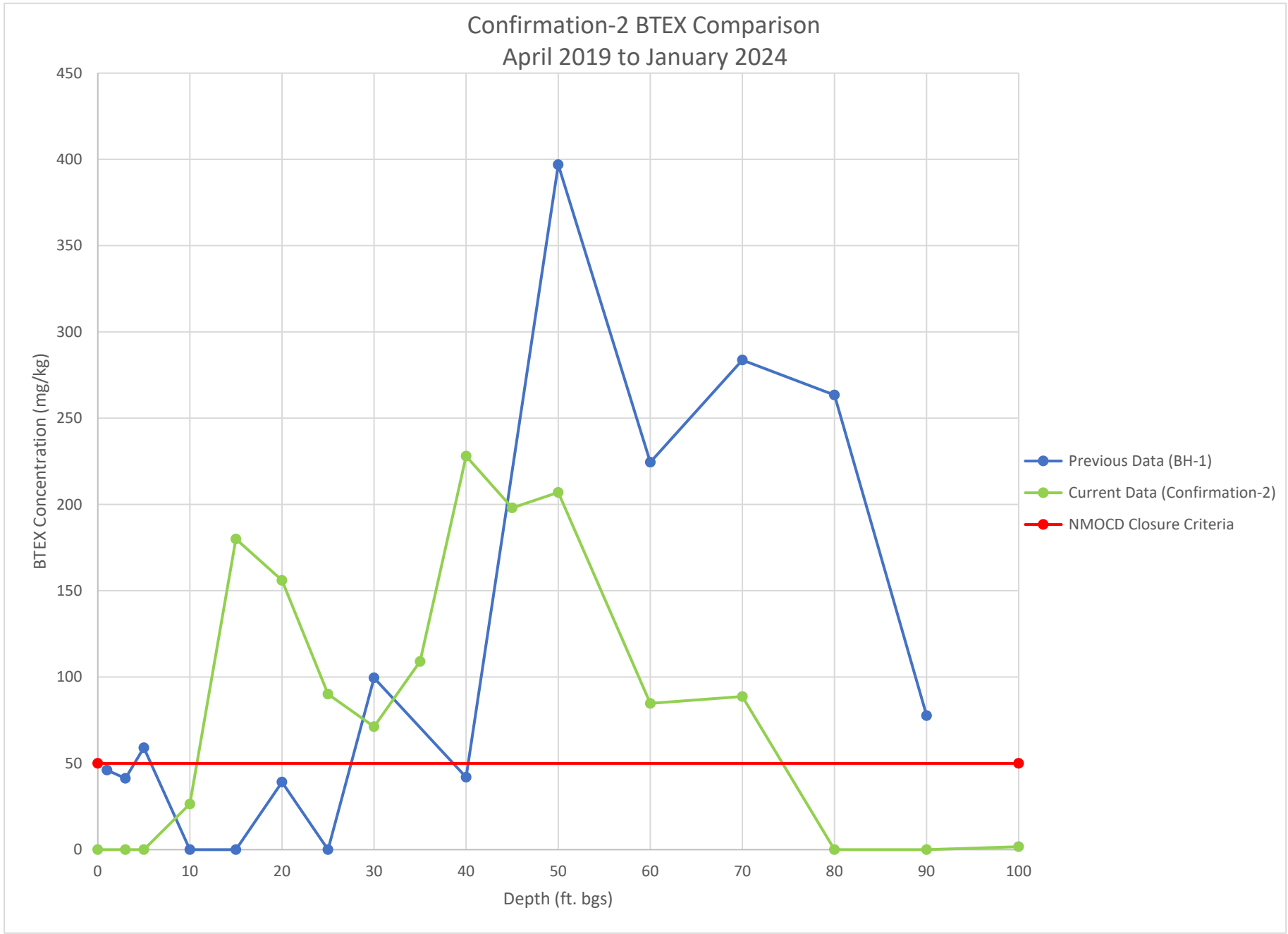
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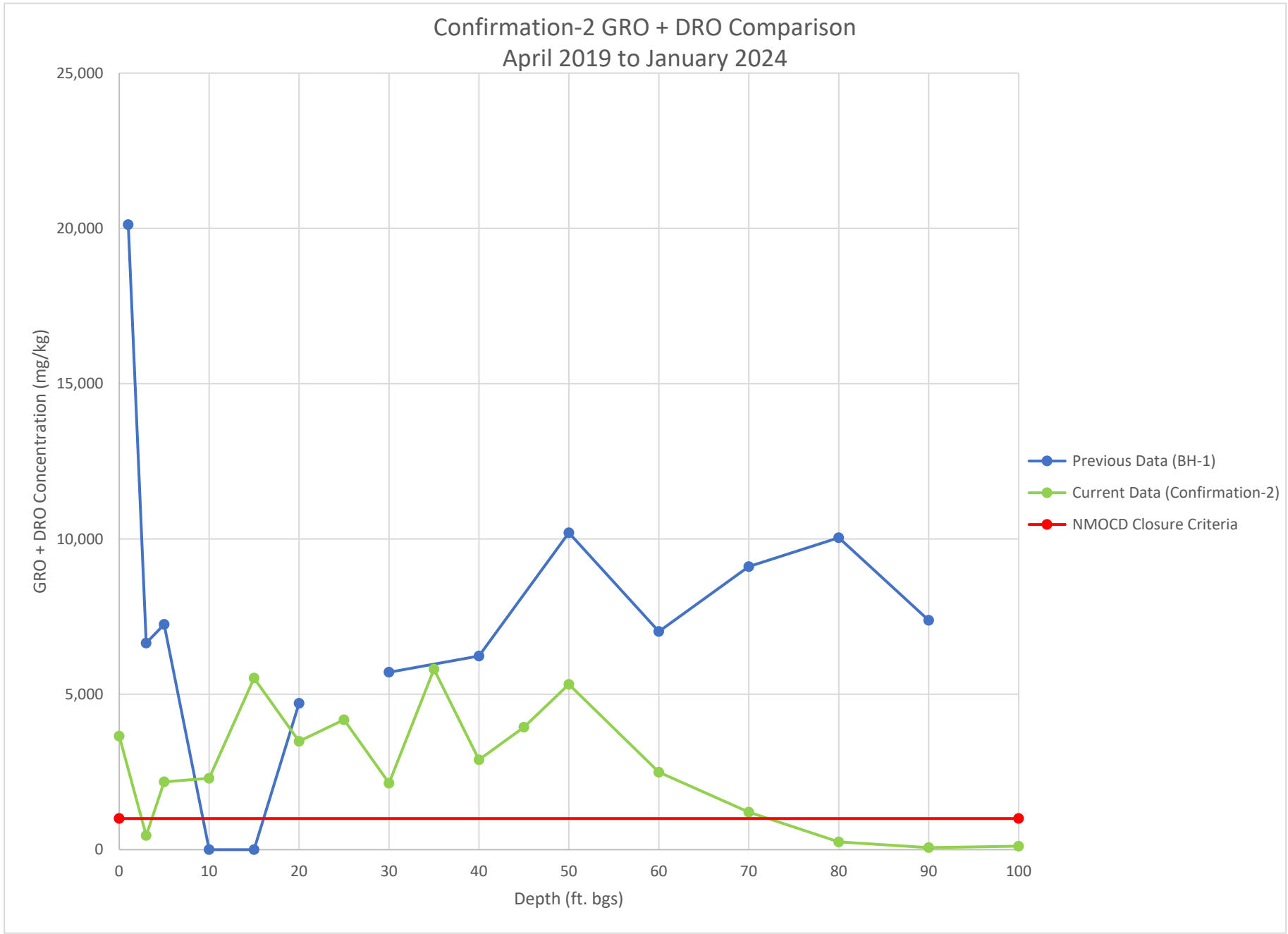
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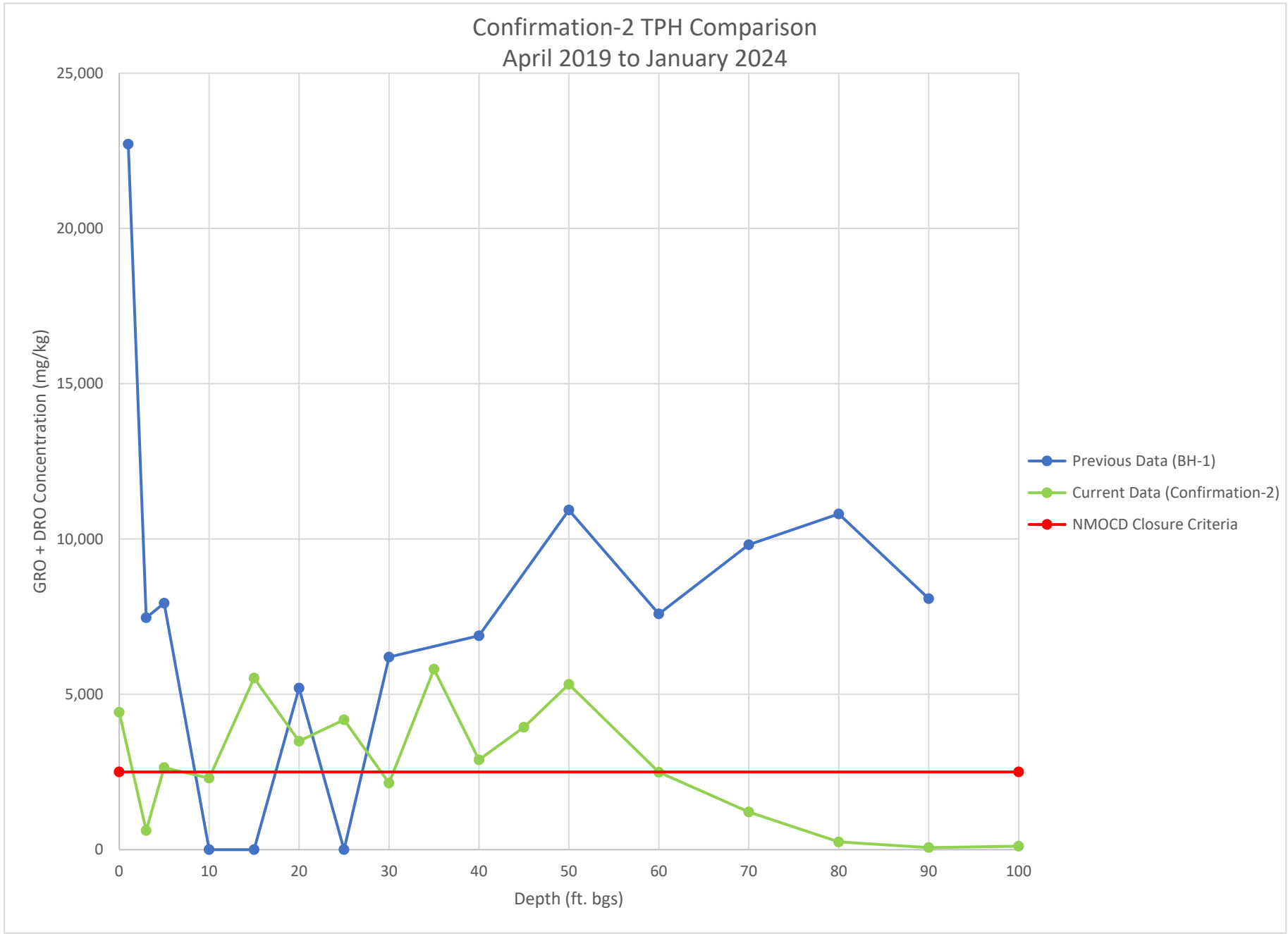


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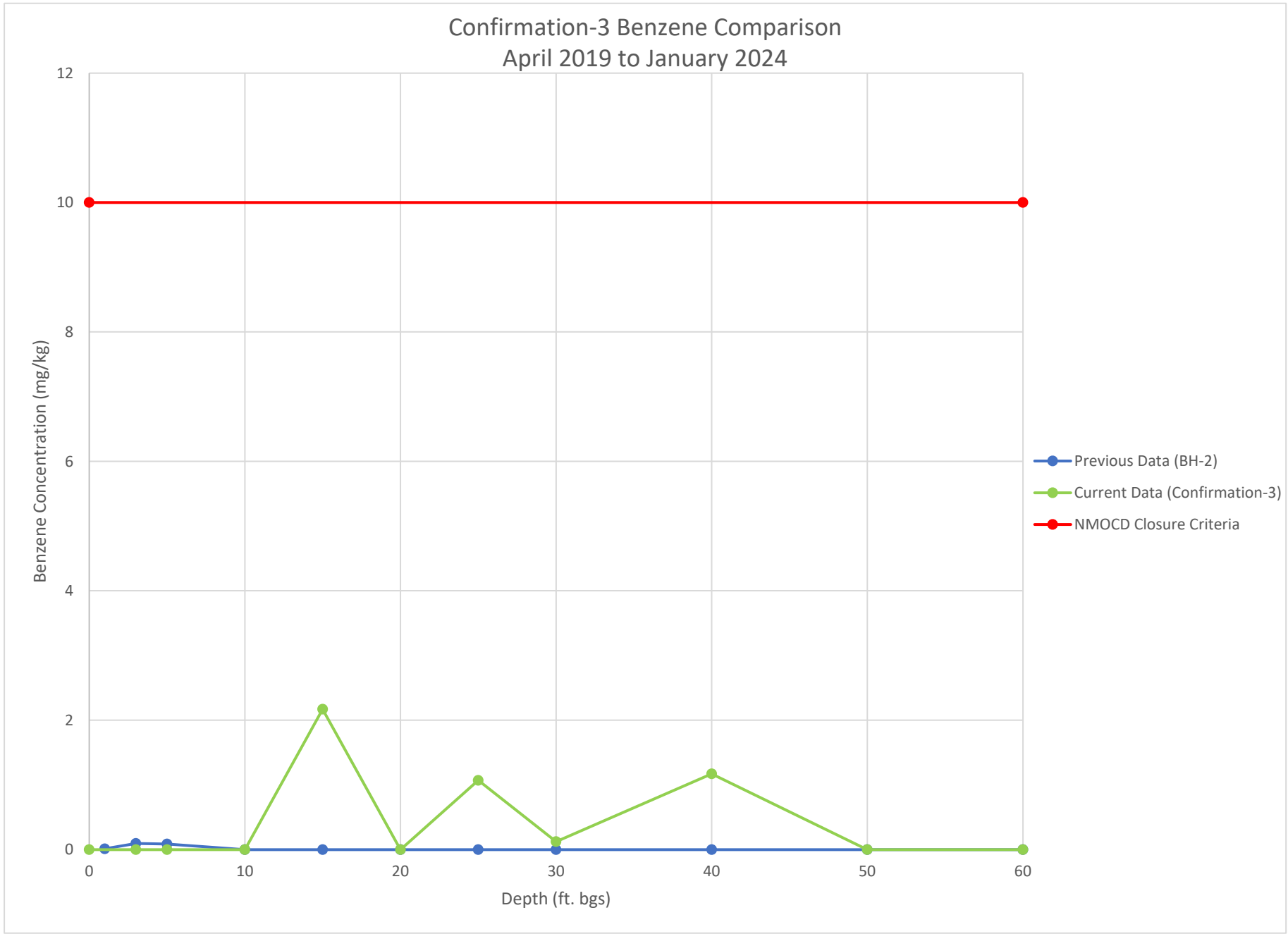


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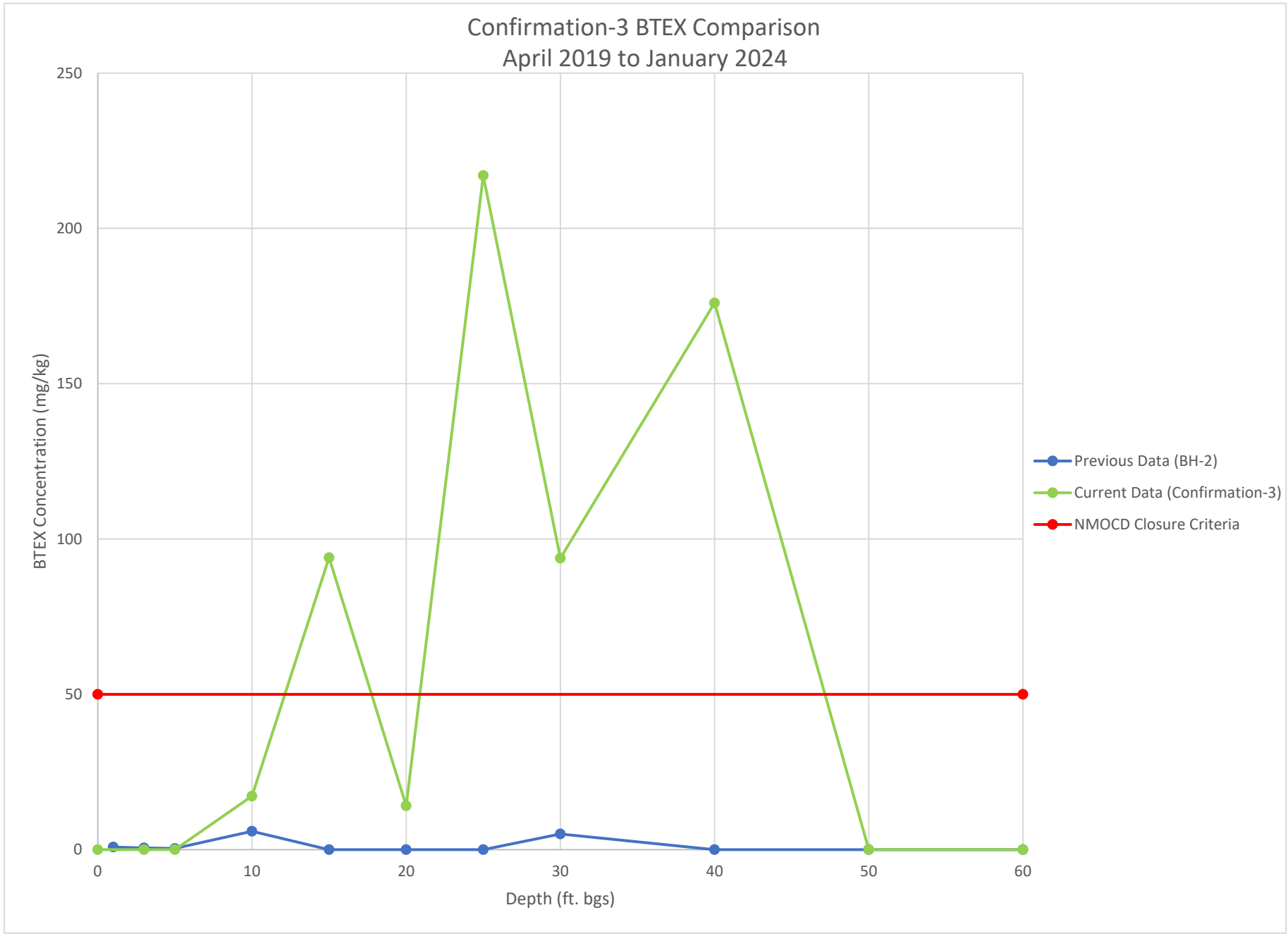
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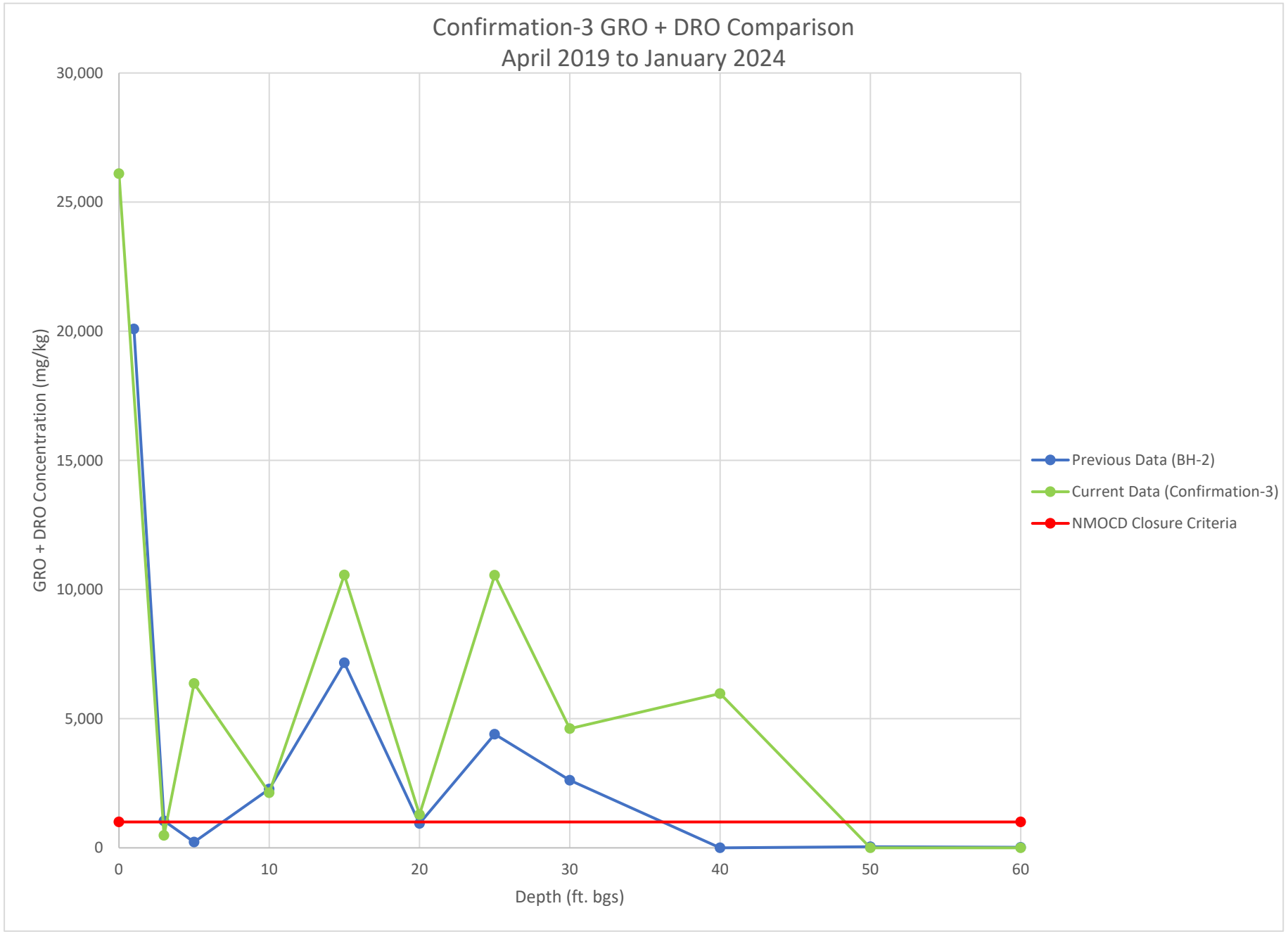
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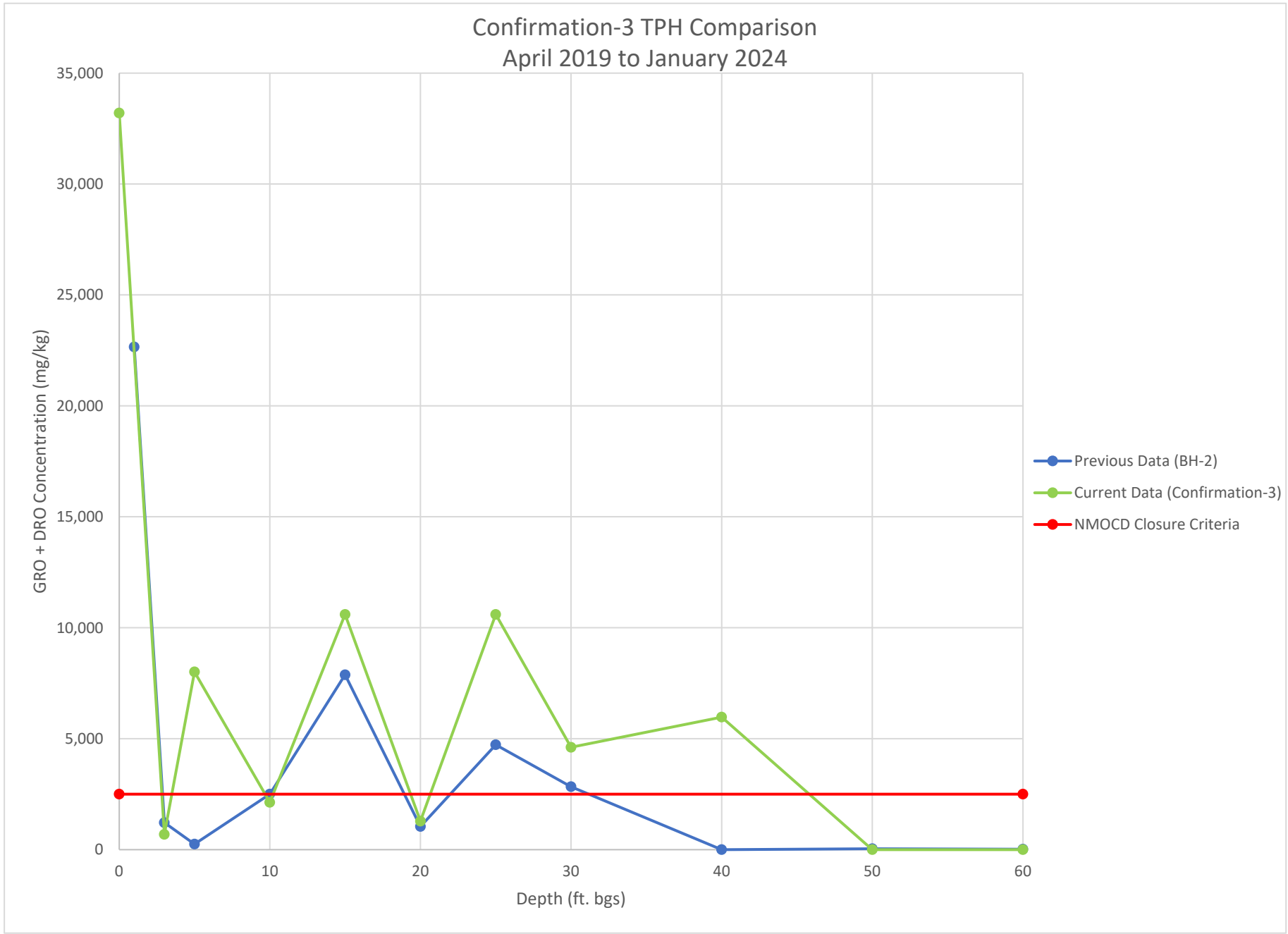


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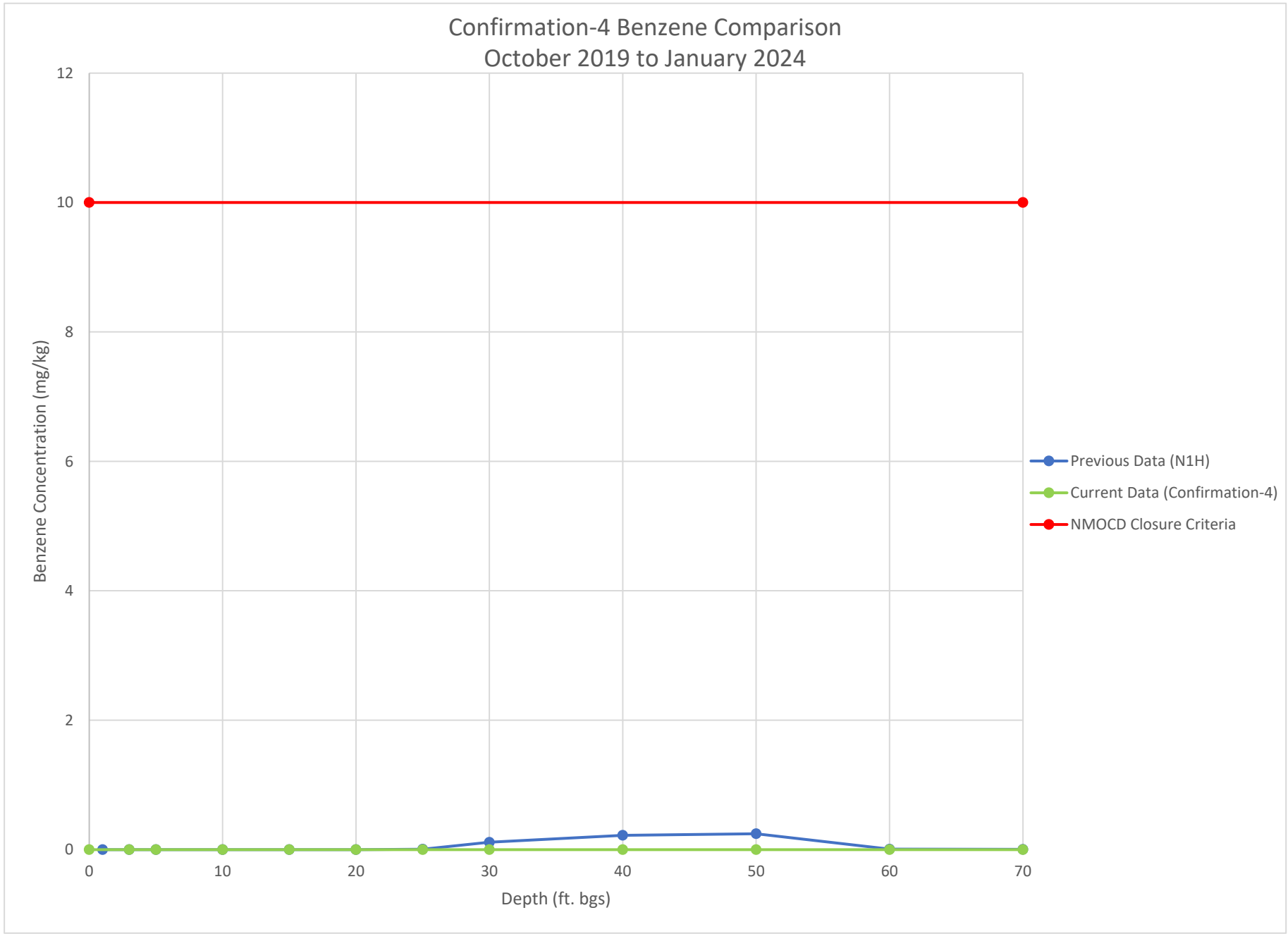


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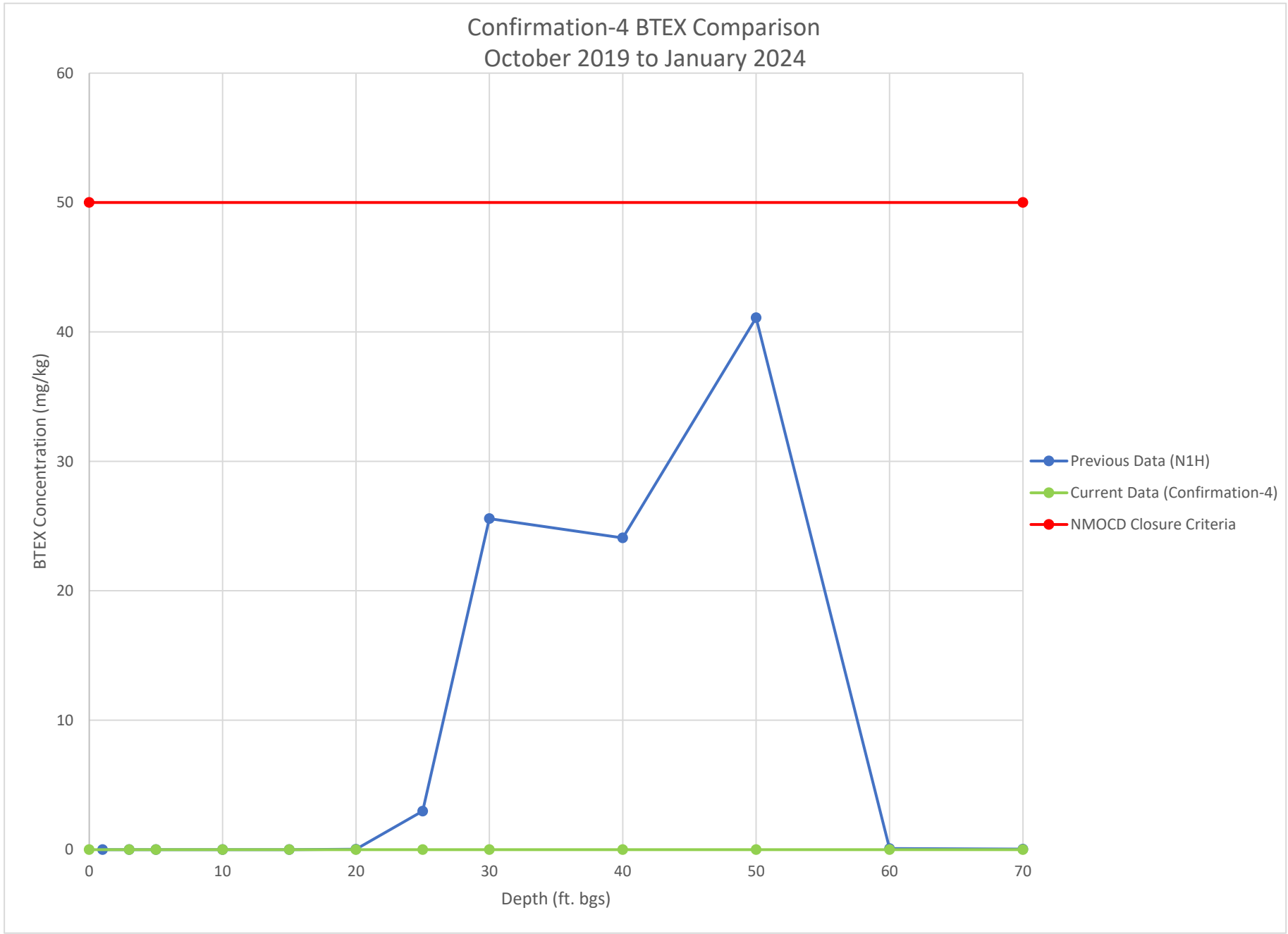


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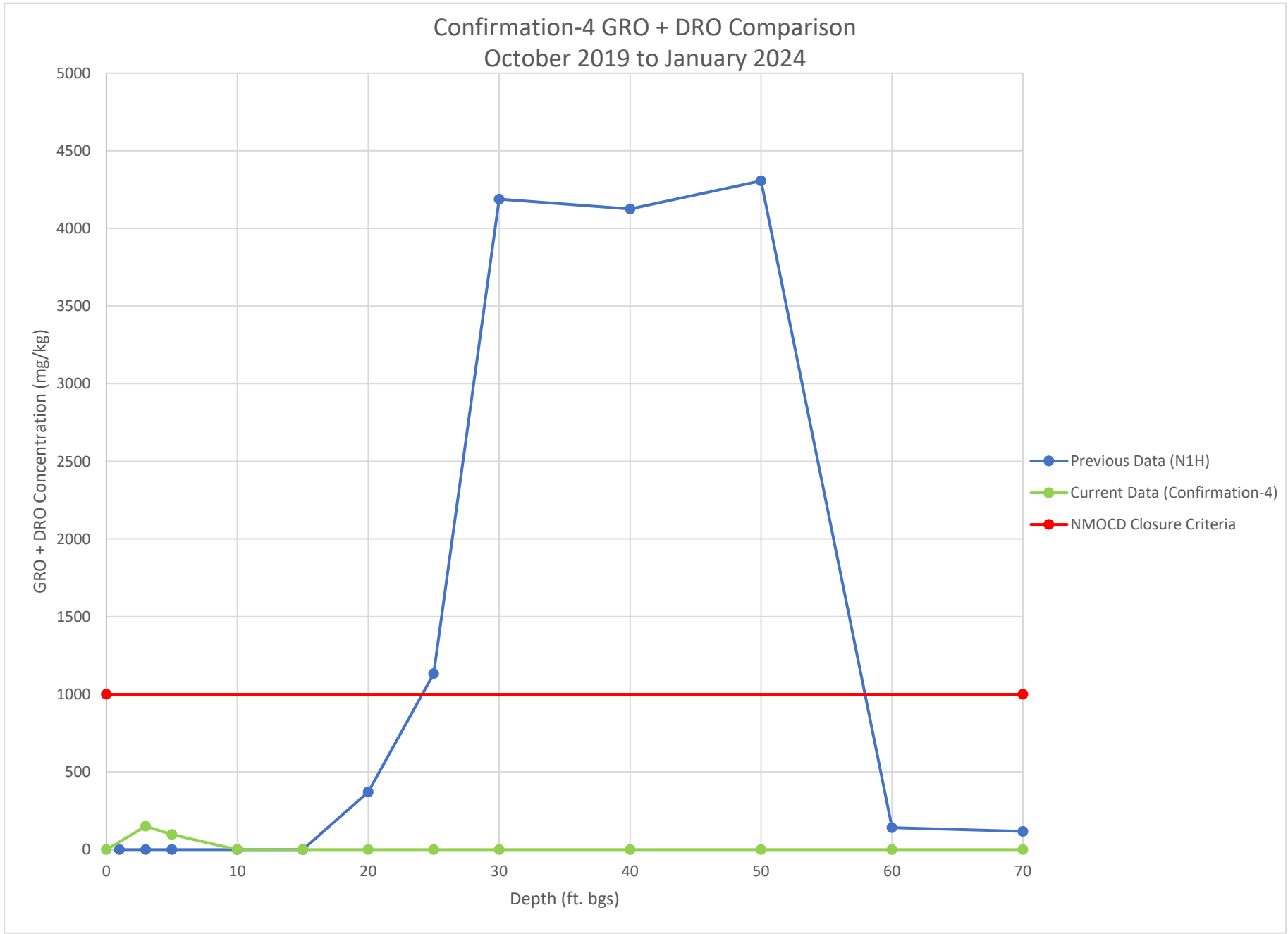


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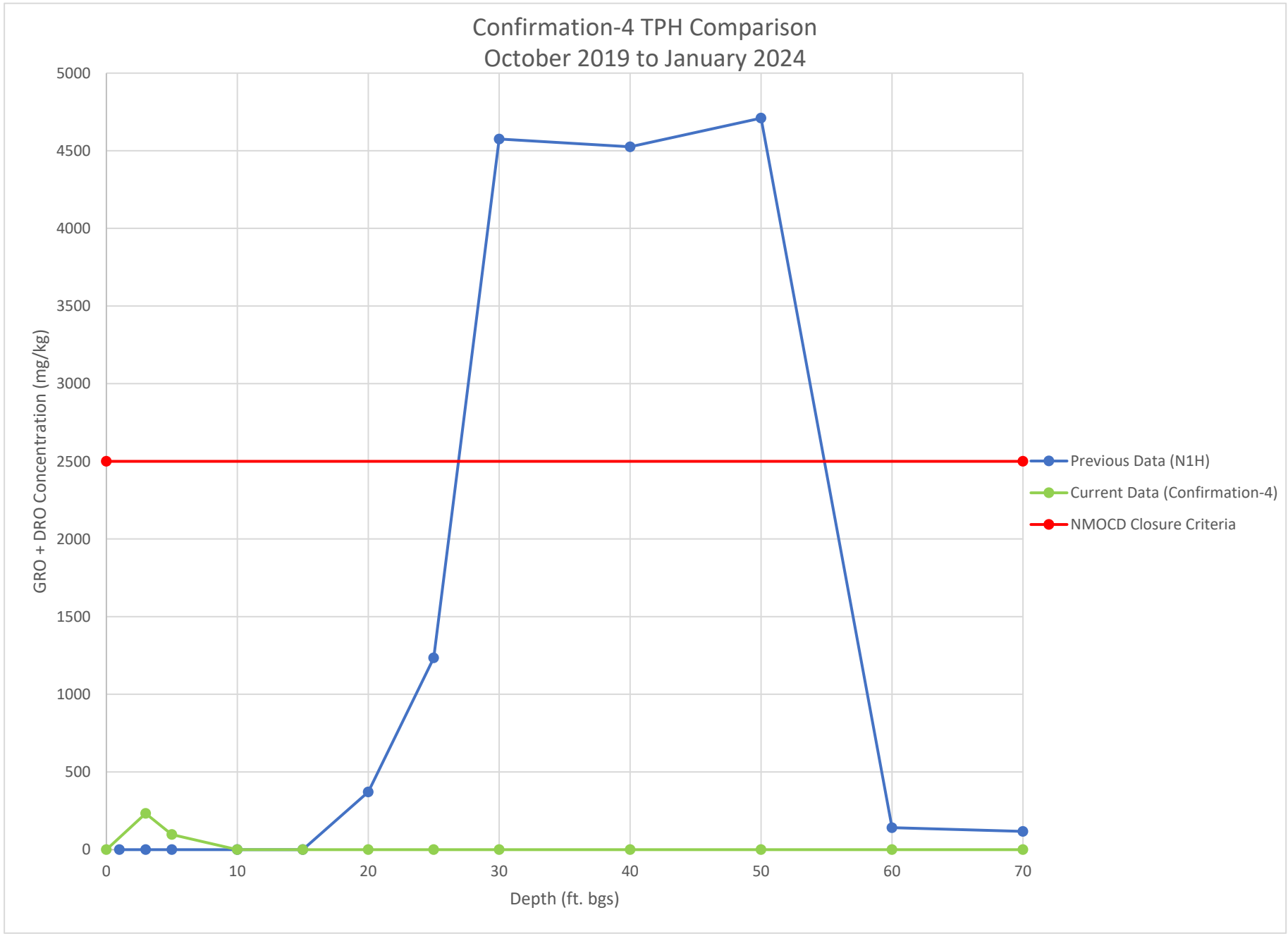
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Appendix A – Release Notification and Corrective Action (Form C-141)

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # *(assigned by OCD)*
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# *(if applicable)*

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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.
- ☐ The impacted area has been secured to protect human health and the environment.
- ☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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.

Printed Name: _____ Title: _____

Signature: DeAnn Grant _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

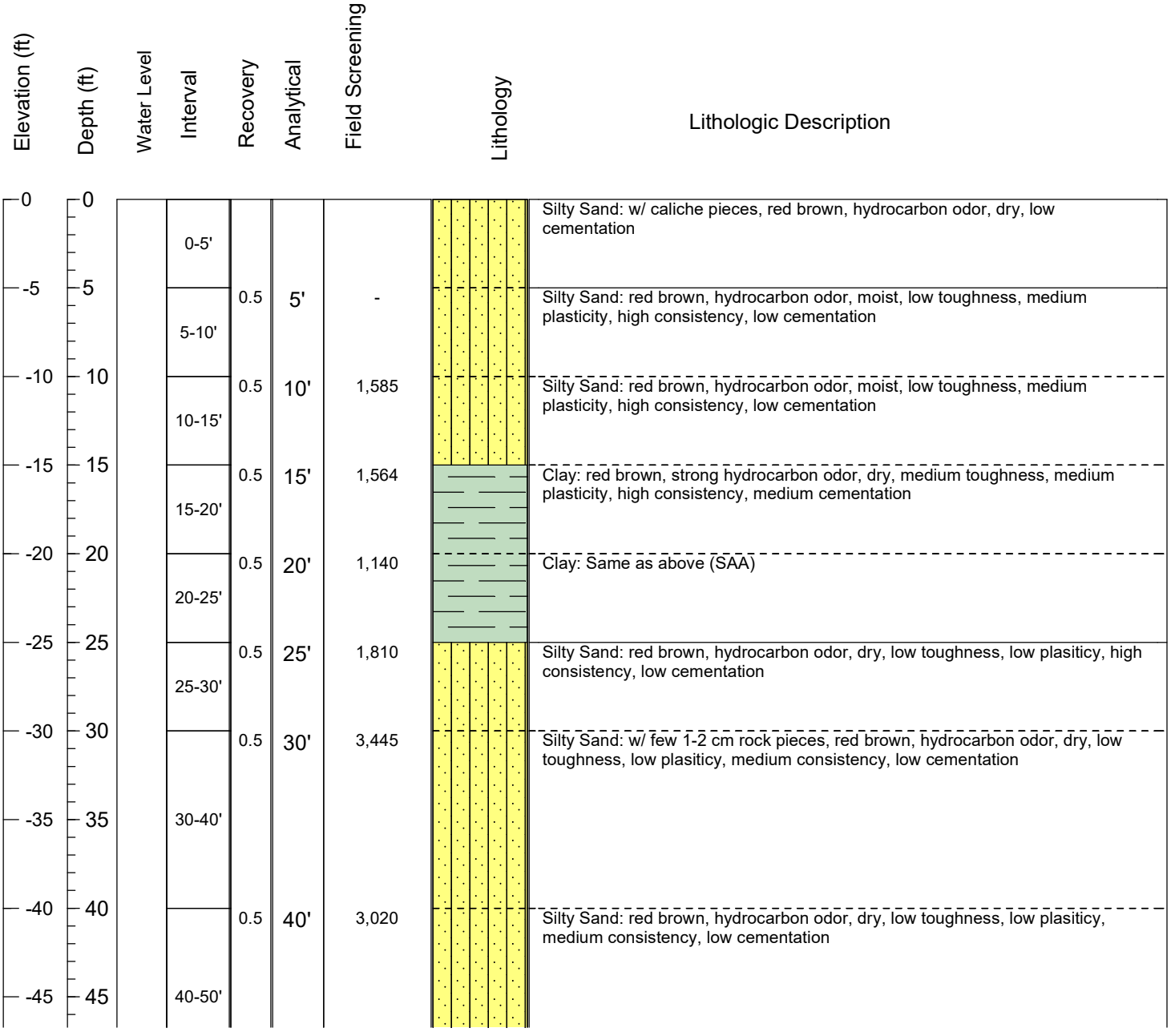
Appendix B – Boring Logs

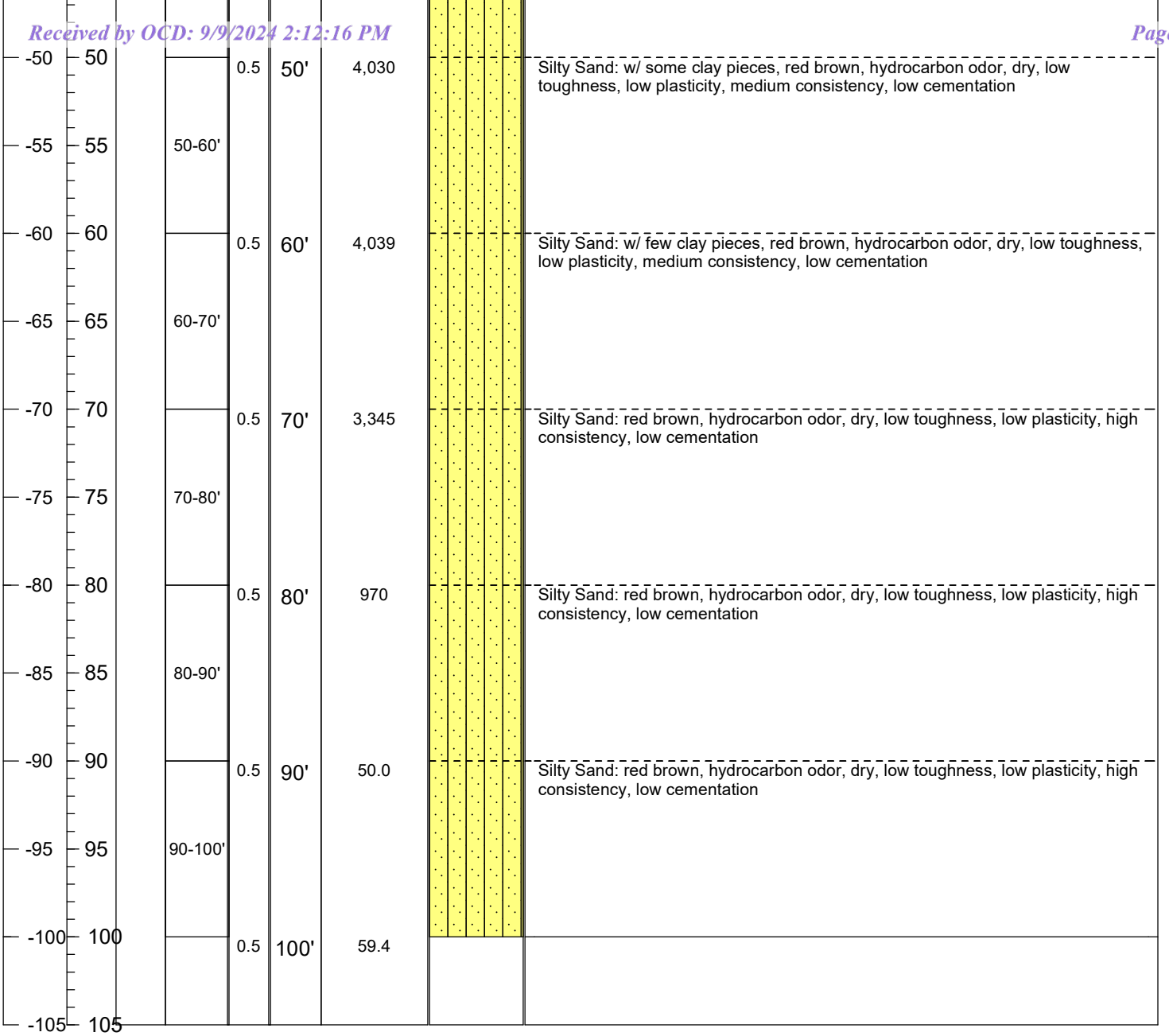
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TRC **BORING LOG and WELL CONSTRUCTION**

Confirmation Boring-1

Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/18/2024 - 0800
Address: NA	Finish Date: 01/18/2024 - 1100
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 100 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA





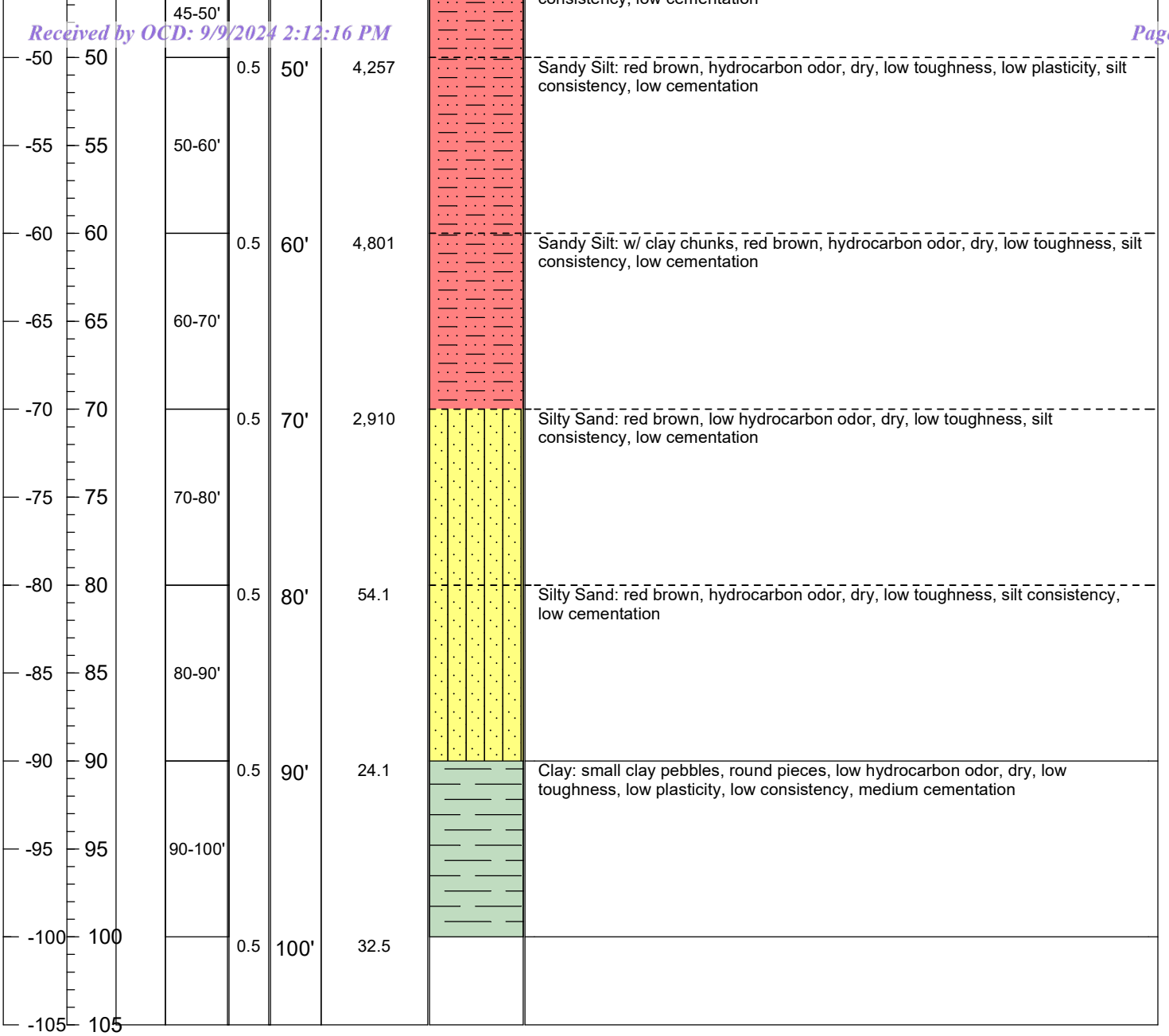
50-60'	0.5	50'	4,030		Silty Sand: w/ some clay pieces, red brown, hydrocarbon odor, dry, low toughness, low plasticity, medium consistency, low cementation
60-70'	0.5	60'	4,039		Silty Sand: w/ few clay pieces, red brown, hydrocarbon odor, dry, low toughness, low plasticity, medium consistency, low cementation
70-80'	0.5	70'	3,345		Silty Sand: red brown, hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
80-90'	0.5	80'	970		Silty Sand: red brown, hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
90-100'	0.5	90'	50.0		Silty Sand: red brown, hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
	0.5	100'	59.4		

TRC **BORING LOG and WELL CONSTRUCTION**

Confirmation Boring-2

Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/17/2024 - 1000
Address: NA	Finish Date: 01/17/2024 - 1404
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 100 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA

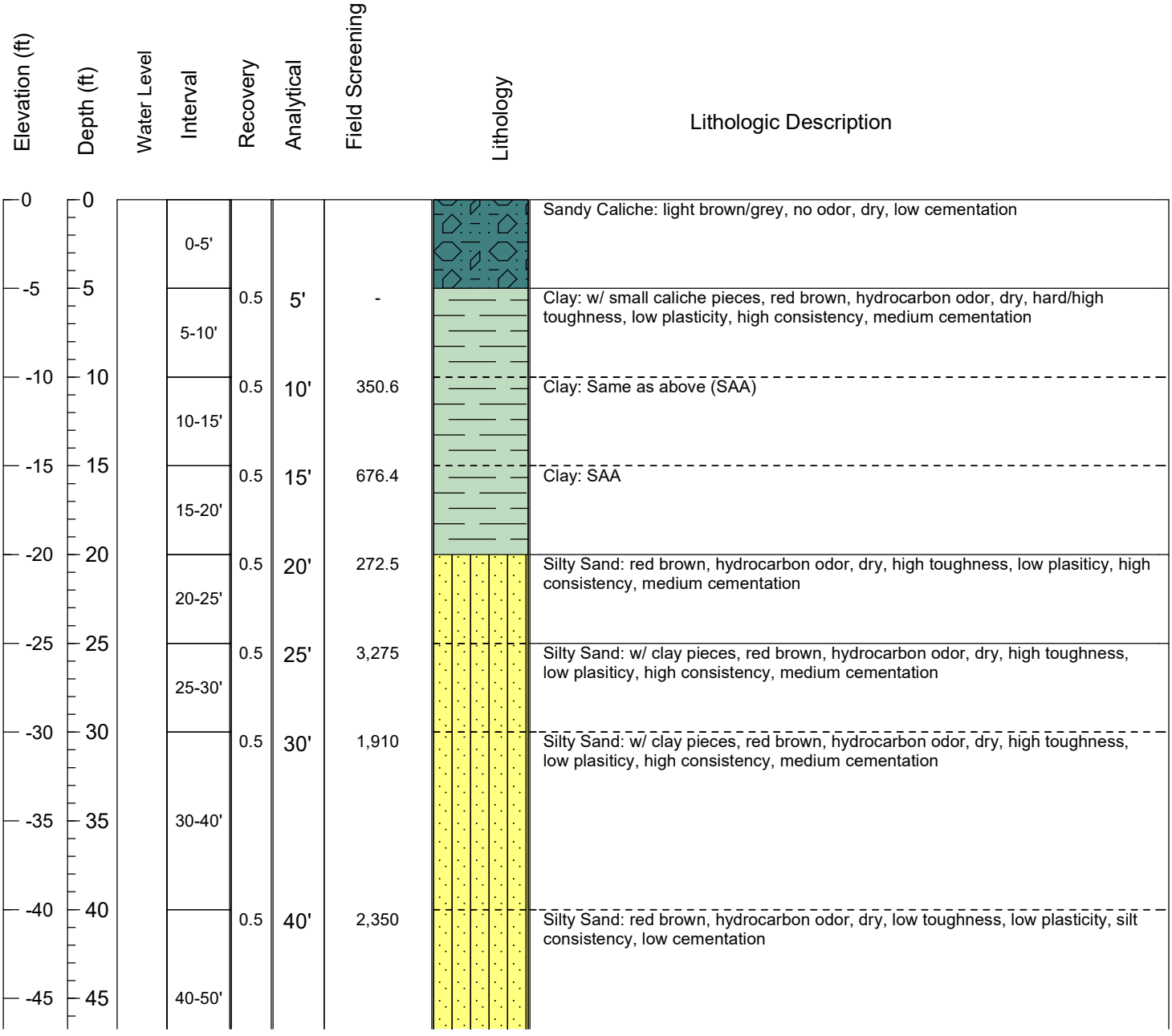
Elevation (ft)	Depth (ft)	Interval	Recovery	Analytical	Field Screening	Lithology	Lithologic Description
0	0	0-5'					Caliche: rock pieces, light brown/grey, no odor, dry, low cementation
-5	5	5-10'	0.5	5'	-		Silty Sand: medium brown/reddish, hydrocarbon odor, dry, low toughness, low plasticity, medium consistency, low cementation
-10	10	10-15'	0.5	10'	2,020		Silty Sand: w/ clay, red brown, hydrocarbon odor, dry, low toughness, low plasticity, clay consistency, medium cementation
-15	15	15-20'	0.5	15'	2,617		Clay: red brown, hydrocarbon odor, dry, hard/high toughness, medium plasticity, clay consistency, high cementation, competent
-20	20	20-25'	0.5	20'	1,152		Silty Sand: w/ clay chips and silt, red brown, hydrocarbon odor, dry, medium toughness, medium plasitic, silty sand consistency, low cementation
-25	25	25-30'	0.5	25'	3,552		Silty Clay: red brown, hydrocarbon odor, dry, low toughness, low plasticity, silty consistency, low cementation
-30	30	30-35'	0.5	30'	3,216		Silty Clay: red brown, hydrocarbon odor, dry, low toughness, low plasticity, silty consistency, low cementation, powdery
-35	35	35-40'	0.5	35'	3,998		Sandy Silt: w/ clay pieces, red brown, hydrocarbon odor, dry, low toughness, low plasticity, silt consistency, low cementation
-40	40	40-45'	0.5	40'	4,210		Sandy Silt: w/ clay pieces, red brown, hydrocarbon odor, dry, low toughness, low plasticity, silt consistency, low cementation
-45	45		0.5	45'	3,215		Sandy Silt: red brown, hydrocarbon odor, dry, low toughness, low plasticity, silt consistency, low cementation

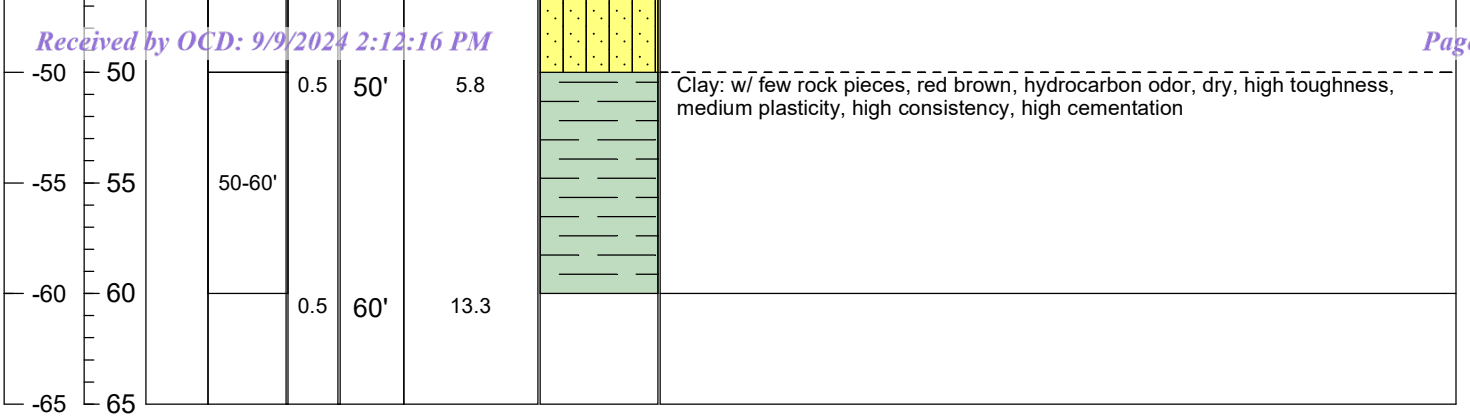

45-50'
50-60'
60-70'
70-80'
80-90'
90-100'
-50
50
-55
55
-60
60
-65
65
-70
70
-75
75
-80
80
-85
85
-90
90
-95
95
-100
100
-105
105
0.5
50'
4,257
Sandy Silt: red brown, hydrocarbon odor, dry, low toughness, low plasticity, silt consistency, low cementation
0.5
60'
4,801
Sandy Silt: w/ clay chunks, red brown, hydrocarbon odor, dry, low toughness, silt consistency, low cementation
0.5
70'
2,910
Silty Sand: red brown, low hydrocarbon odor, dry, low toughness, silt consistency, low cementation
0.5
80'
54.1
Silty Sand: red brown, hydrocarbon odor, dry, low toughness, silt consistency, low cementation
0.5
90'
24.1
Clay: small clay pebbles, round pieces, low hydrocarbon odor, dry, low toughness, low plasticity, low consistency, medium cementation
0.5
100'
32.5

TRC **BORING LOG and WELL CONSTRUCTION**

Confirmation Boring-3

Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/17/2024 - 1420
Address: NA	Finish Date: 01/17/2024 - 1600
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 60 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA



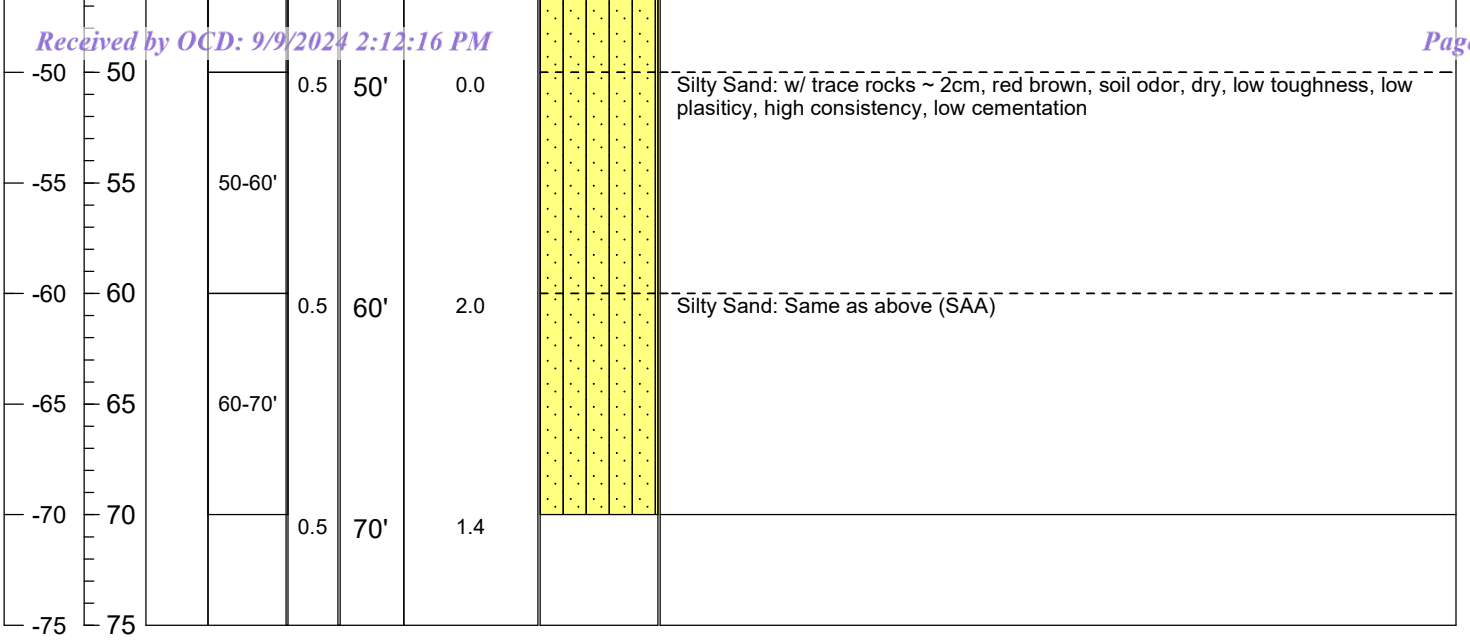

-50
50
-55
55
-60
60
-65
65
50-60'
0.5
50'
5.8
0.5
60'
13.3
Clay: w/ few rock pieces, red brown, hydrocarbon odor, dry, high toughness, medium plasticity, high consistency, high cementation

TRC **BORING LOG and WELL CONSTRUCTION**

Confirmation Boring-4

Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/18/2024 - 1110
Address: NA	Finish Date: 01/18/2024
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 70 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA

Elevation (ft)	Depth (ft)	Interval	Recovery	Analytical	Field Screening	Lithology	Lithologic Description
0	0	0-5'					Silty Sand: w/ caliche, light brown/grey, no odor, dry, medium cementation
-5	5	5-10'	0.5	5'	-		Silty Sand: w/ few caliche pieces, red brown, soil odor, moist, low toughness, low plasticity, high consistency, low cementation
-10	10	10-15'	0.5	10'	0.0		Silty Sand: w/ some clay pieces, red brown, soil odor, moist, low toughness, medium plasticity, high consistency, medium cementation
-15	15	15-20'	0.5	15'	2.6		Clay: w/ some silt/broken clayred brown, soil odor, dry, medium toughness, medium plasticity, high consistency, medium cementation
-20	20	20-25'	0.5	20'	1.2		Clay: w/ trace rocks less than 1 cm, red brown, soil odor, dry, medium toughness, medium plasticity, medium consistency, medium cementation
-25	25	25-30'	0.5	25'	0.4		Silty Sand: red brown, soil odor, dry, low toughness, medium plasiticy, high consistency, low cementation
-30	30	30-40'	0.5	30'	0.3		Silty Sand: red brown, soil odor, dry, low toughness, medium plasiticy, high consistency, low cementation
-35	35						
-40	40		0.5	40'	0.0		Silty Sand: w/ trace rocks ~ 2cm, red brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
-45	45	40-50'					


-50
50
-55
55
-60
60
-65
65
-70
70
-75
75
50-60'
60-70'
0.5
0.5
0.5
50'
60'
70'
0.0
2.0
1.4
Silty Sand: w/ trace rocks ~ 2cm, red brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
Silty Sand: Same as above (SAA)

BORING LOG and WELL CONSTRUCTION

New Boring-1

Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/19/2024 - 0850
Address: NA	Finish Date: NA
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 50 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA

Elevation (ft)	Depth (ft)	Water Level	Interval	Recovery	Analytical	Field Screening	Lithology	Lithologic Description
0	0		0-5'					Caliche: w/ silty sand 60/40%, light brown/grey, no odor
-5	5		5-10'	0.5	5'	-		Silty Sand: w/ some rocks- caliche ~3cm, red brown, very low hydrocarbon odor, dry, low toughness, low plasticity, medium consistency, low cementation
-10	10		10-15'	0.5	10'	112.05		Silty Sand: w/ some rocks- caliche ~1.5cm, red brown, soil odor, dry, low toughness, low plasticity, medium consistency, low cementation
-15	15		15-20'	0.5	15'	43.8		Clay: w/ trace pebbles/caliche ~0.5cm, soil odor, dry, low toughness, medium plasticity, high consistency, medium cementation
-20	20		20-25'	0.5	20'	7.4		Clay: Same as above (SAA)
-25	25		25-30'	0.5	25'	2.2		Silty Sand: red brown, soil odor, dry, low toughness, medium plasiticy, high consistency, low cementation
-30	30		30-40'	0.5	30'	0.5		Silty Sand: red brown, soil odor, dry, low toughness, medium plasiticy, high consistency, low cementation
-40	40		40-50'	0.5	40'	1.5		Clay: w/ few rock pieces caliche/limestone, red brown, soil odor, dry, low toughness, medium plasiticy, high consistency, medium cementation
-50	50			0.5	50'	5.2		

TRC **BORING LOG and WELL CONSTRUCTION**

New Boring-2

Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/19/2024 - 1010
Address: NA	Finish Date: NA
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 50 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA

Elevation (ft)	Depth (ft)	Water Level	Interval	Recovery	Analytical	Field Screening	Lithology	Lithologic Description
0	0		0-5'					Caliche: w/ silty sand, brown/grey, no odor
-5	5		5-10'	0.5	5'	-		Silty Sand: w/ caliche pieces ~1.5cm, red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation
-10	10		10-15'	0.5	10'	0.5		Silty Sand: red brown, soil odor, moist, low toughness, medium plasiticy, high consistency, low cementation
-15	15		15-20'	0.5	15'	0.8		Clay: weathered, red brown, soil odor, dry, medium toughness, medium plasticity, high consistency, medium cementation
-20	20		20-25'	0.5	20'	1.7		Clay: red brown, soil odor, dry, medium toughness, medium plasticity, high consistency, medium cementation
-25	25		25-30'	0.5	25'	5.7		Silty Sand: red brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
-30	30		30-40'	0.5	30'	2.0		Silty Sand: red brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
-35	35							
-40	40		40-50'	0.5	40'	1.5		Silty Sand: red brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
-45	45							
-50	50			0.5	50'	2.3		

TRC **BORING LOG and WELL CONSTRUCTION**

New Boring - 3

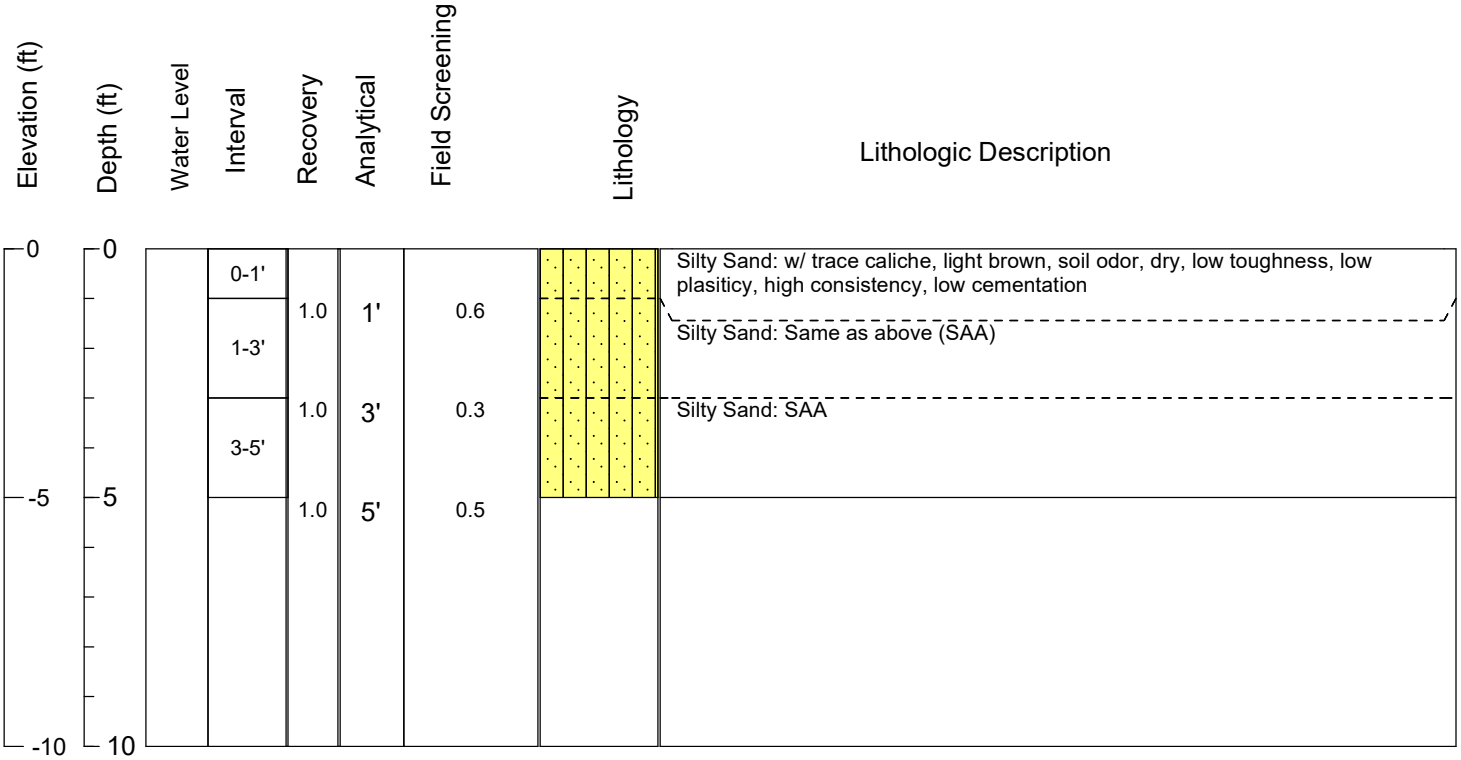
Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/22/2024 - 0915
Address: NA	Finish Date: 01/22/2024 - 1010
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 5 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA

Elevation (ft)	Depth (ft)	Water Level	Interval	Recovery	Analytical	Field Screening	Lithology	Lithologic Description
0	0		0-1'					
			1-3'	0.5	1'	0.2		Silty Sand: gray/light brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
			3-5'	0.5	3'	0.4		Silty Sand: Same as above (SAA)
-5	5		5-10'	0.5	5'	6.3		Silty Sand: SAA
-10	10		10-15'	0.5	10'	0.1		Silty Sand: w/ few clay pieces, red brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
-15	15		15-20'	0.5	15'	16.2		Silty Sand: w/ trace limestone rock pieces, red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation
-20	20		20-25'	0.5	20'	3.5		Silty Sand: w/ few limestone rock pieces, red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation
-25	25		25-30'	0.5	25'	6.3		Silty Sand: w/ some clay pieces, red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation
-30	30		30-40'	0.5	30'	4.0		Silty Sand: w/ few limestone rock pieces, red brown, soil odor, dry, low toughness, low plasticity, medium consistency, low cementation
-35	35							Silty Sand: red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation
-40	40		40-50'	0.5	40'	0.9		Silty Sand: red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation
-45	45							
-50	50			0.5	50'	0.6		

TRC **BORING LOG and WELL CONSTRUCTION**

New Boring-4

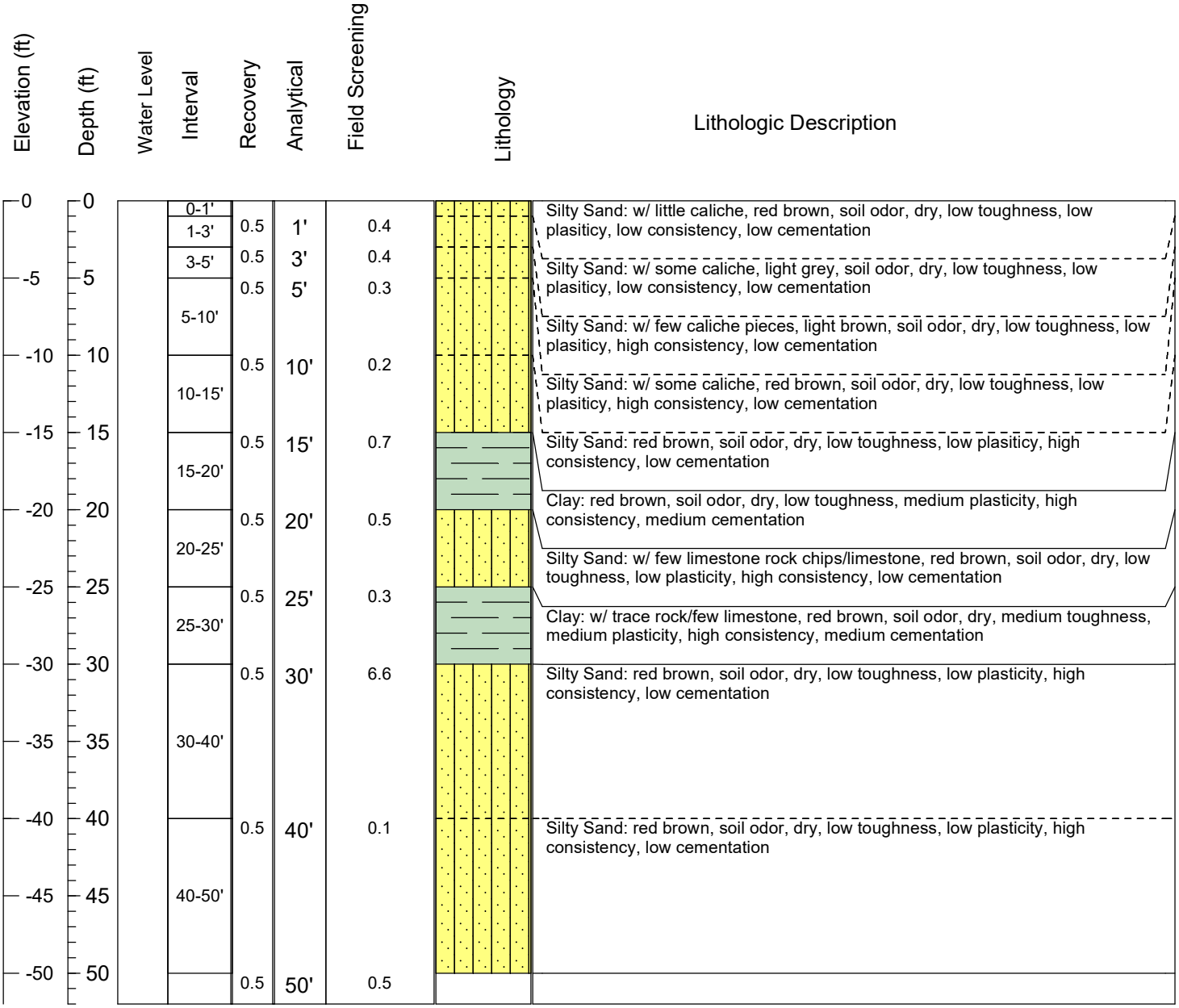
Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/24/2024
Address: NA	Finish Date:
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 5 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA



TRC **BORING LOG and WELL CONSTRUCTION**

New Boring - 5

Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/22/2024 - 1020
Address: NA	Finish Date: NA
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 50 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA

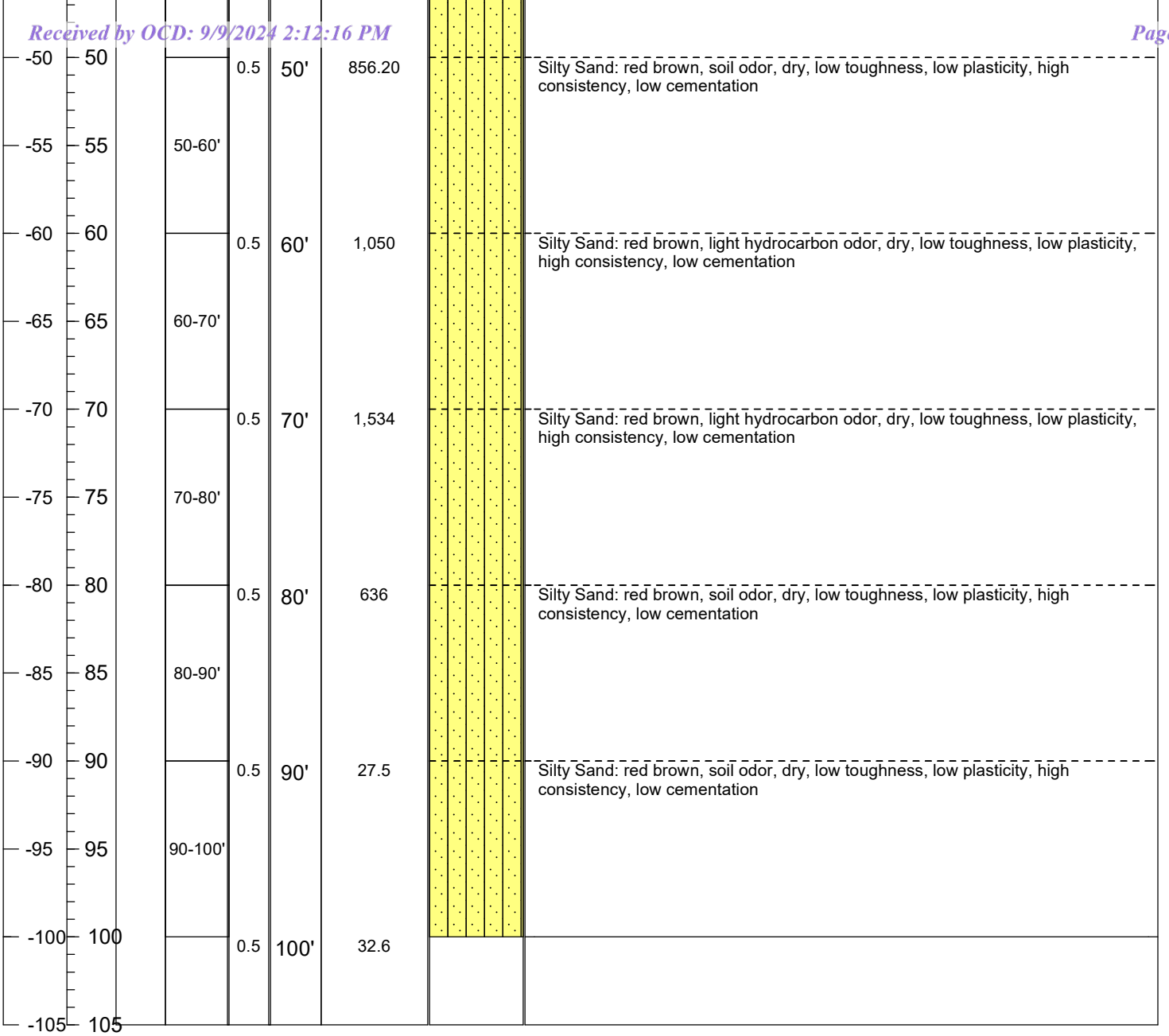


BORING LOG and WELL CONSTRUCTION

New Boring - 6

Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/22/2024 - 1255
Address: NA	Finish Date: NA
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 100 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: 100 ft.	Date/Time: NA

Elevation (ft)	Depth (ft)	Interval	Recovery	Analytical	Field Screening	Lithologic Description
0	0	0-1'				
		1-3'	0.5	1'	3.5	Silty Sand: w/ little caliche, light brown/grey, soil odor, dry, low toughness, low plasiticy, medium consistency, low cementation
		3-5'	0.5	3'	1.3	Silty Sand: Same as above (SAA)
-5	5	5-10'	0.5	5'	1.1	Silty Sand: SAA
						Silty Sand: w/ few caliche, red brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
-10	10	10-15'	0.5	10'	3.3	Silty Sand: w/ trace caliche, red brown, hydrocarbon odor, dry, low toughness, low plasiticy, high consistency, low cementation
-15	15	15-20'	0.5	15'	761.1	Clay: red brown, hydrocarbon odor, dry, low toughness, medium plasticity, high consistency, medium cementation
-20	20	20-25'	0.5	20'	976.2	Silty Sand: w/ trace caliche, red brown, hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
-25	25	25-30'	0.5	25'	1,246	Clay: red brown, hydrocarbon odor, dry, low toughness, medium plasticity, high consistency, medium cementation
-30	30	30-40'	0.5	30'	1,516	Silty Sand: red brown, light hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
-35	35					
-40	40		0.5	40'	786.1	Silty Sand: red brown, light hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
-45	45	40-50'				


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-75
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-80
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-85
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-90
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-95
95
-100
100
-105
105
50-60'
60-70'
70-80'
80-90'
90-100'
0.5
0.5
0.5
0.5
0.5
50'
60'
70'
80'
90'
100'
856.20
1,050
1,534
636
27.5
32.6
Silty Sand: red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation
Silty Sand: red brown, light hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
Silty Sand: red brown, light hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
Silty Sand: red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation
Silty Sand: red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation

TRC **BORING LOG and WELL CONSTRUCTION**

New Boring - 7

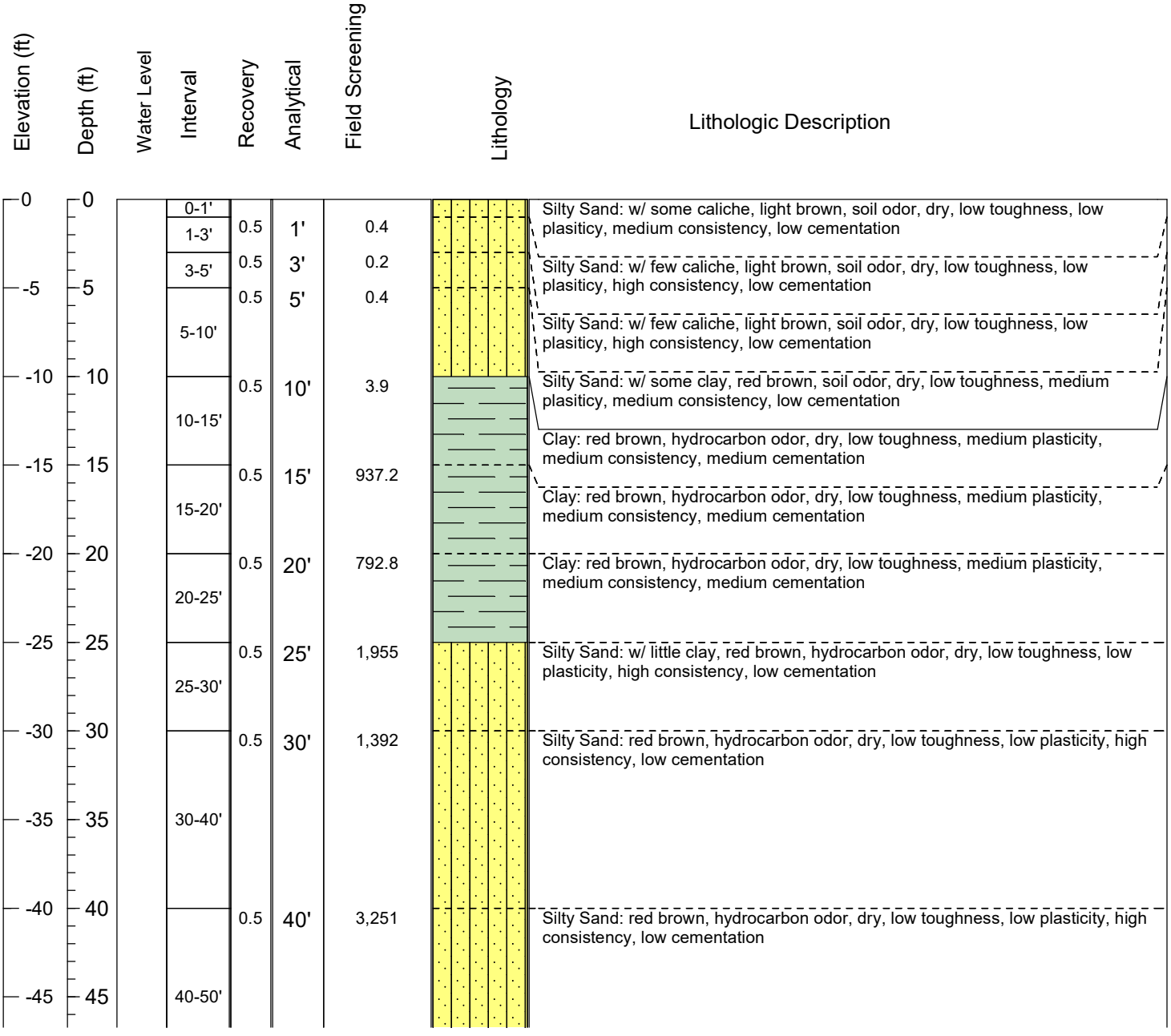
Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/22/2024 - 1503
Address: NA	Finish Date: 01/23/2024
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 50 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA

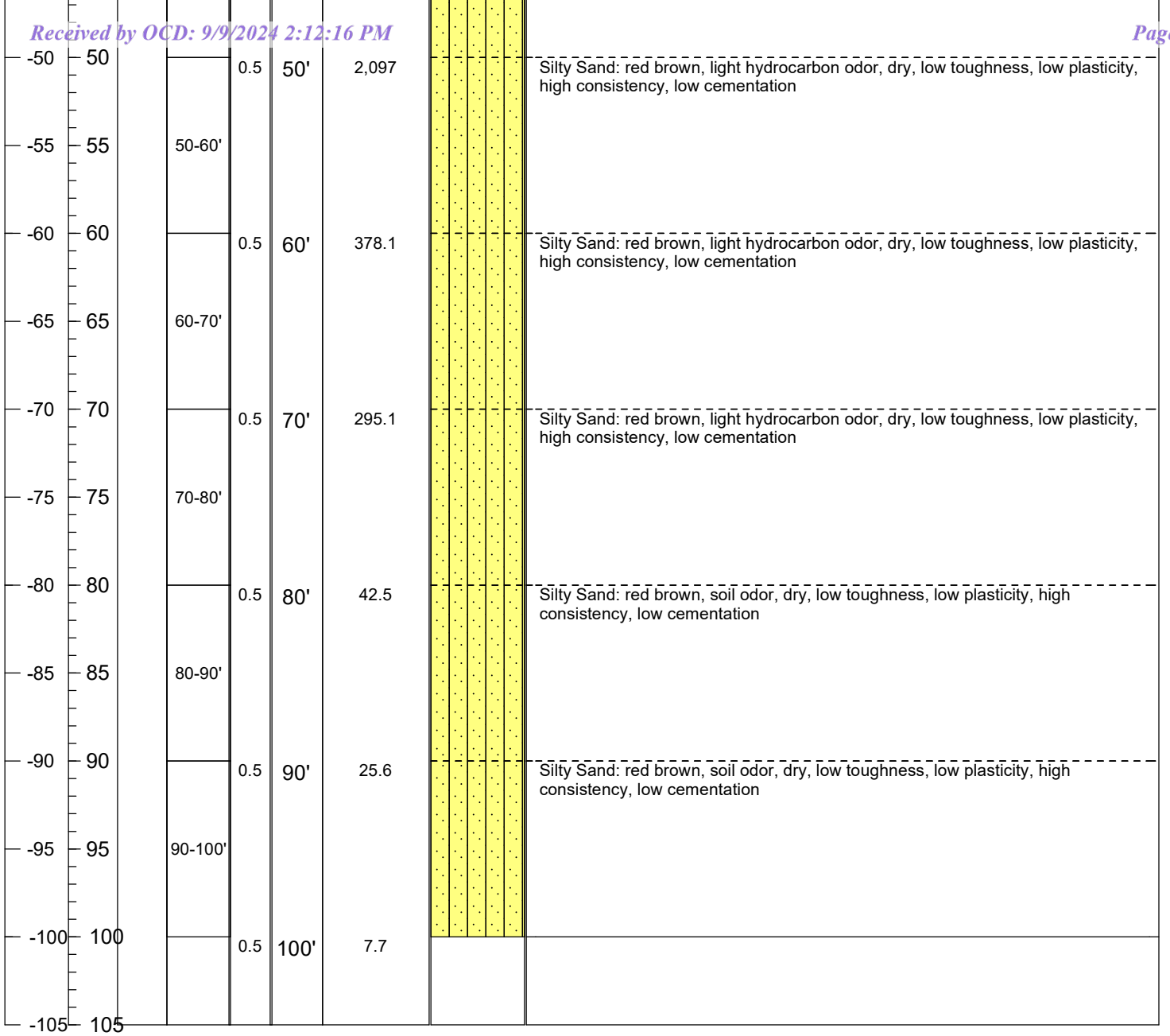
Elevation (ft)	Depth (ft)	Interval	Recovery	Analytical	Field Screening	Lithologic Description
0	0	0-1'	0.5	1'	1.8	Caliche: ~1 cm, white, soil odor, dry, low cementation
		1-3'	0.5	3'	5.6	Caliche: ~0.5 cm, white, soil odor, dry, low cementation
-5	5	3-5'	0.5	5'	7.4	Silty Sand: w/ few caliche, light brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
		5-10'				
-10	10		0.5	10'	0.9	Clay: red brown, soil odor, dry, low toughness, medium plasticity, high consistency, medium cementation
		10-15'				Silty Sand: w/ some caliche, red brown, soil odor, dry, low toughness, low plasiticy, medium consistency, low cementation
-15	15		0.5	15'	1.2	Clay: red brown, soil odor, dry, low toughness, medium plasticity, medium consistency, medium cementation
		15-20'				
-20	20		0.5	20'	32.1	Clay: red brown, soil odor, dry, low toughness, medium plasticity, medium consistency, high cementation
		20-25'				
-25	25		0.5	25'	1.9	Clay: red brown, soil odor, dry, low toughness, medium plasticity, high consistency, medium cementation
		25-30'				
-30	30		0.5	30'	2.4	Silty Sand: w/ little clay, red brown, soil odor, dry, low toughness, low plasticity, medium consistency, low cementation
-35	35	30-40'				
-40	40		0.5	40'	6.8	Silty Sand: red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation
-45	45	40-50'				
-50	50		0.5	50'	1.1	

BORING LOG and WELL CONSTRUCTION

New Boring-8

Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/23/2024 - 0922
Address: NA	Finish Date: NA
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 100 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA

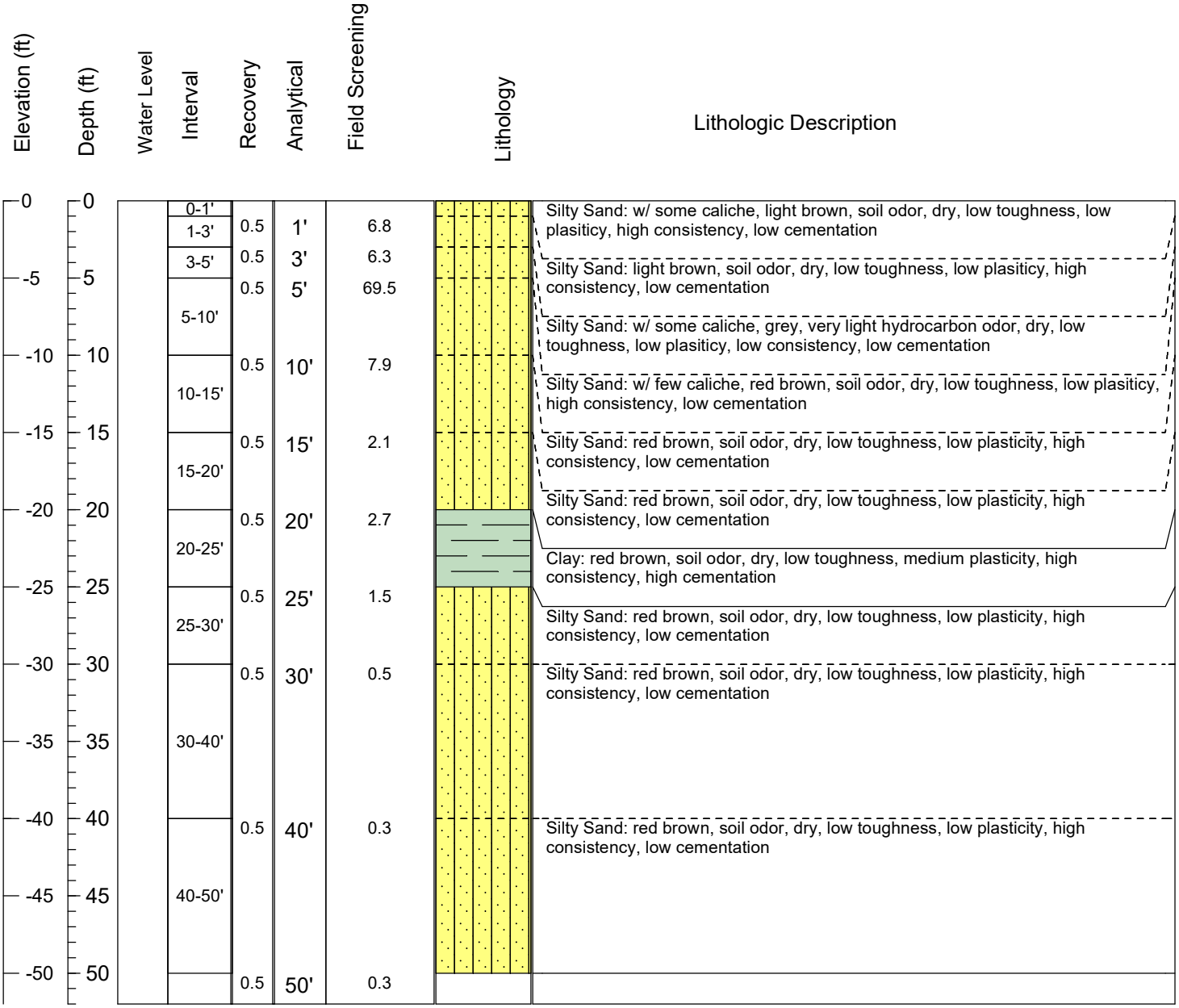



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-80
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-85
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-90
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-100
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-105
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50-60'
60-70'
70-80'
80-90'
90-100'
0.5
0.5
0.5
0.5
0.5
50'
60'
70'
80'
90'
100'
2,097
378.1
295.1
42.5
25.6
7.7
Silty Sand: red brown, light hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
Silty Sand: red brown, light hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
Silty Sand: red brown, light hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
Silty Sand: red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation
Silty Sand: red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation

BORING LOG and WELL CONSTRUCTION

New Boring-9

Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/23/2024 - 1240
Address: NA	Finish Date: NA
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 50 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA

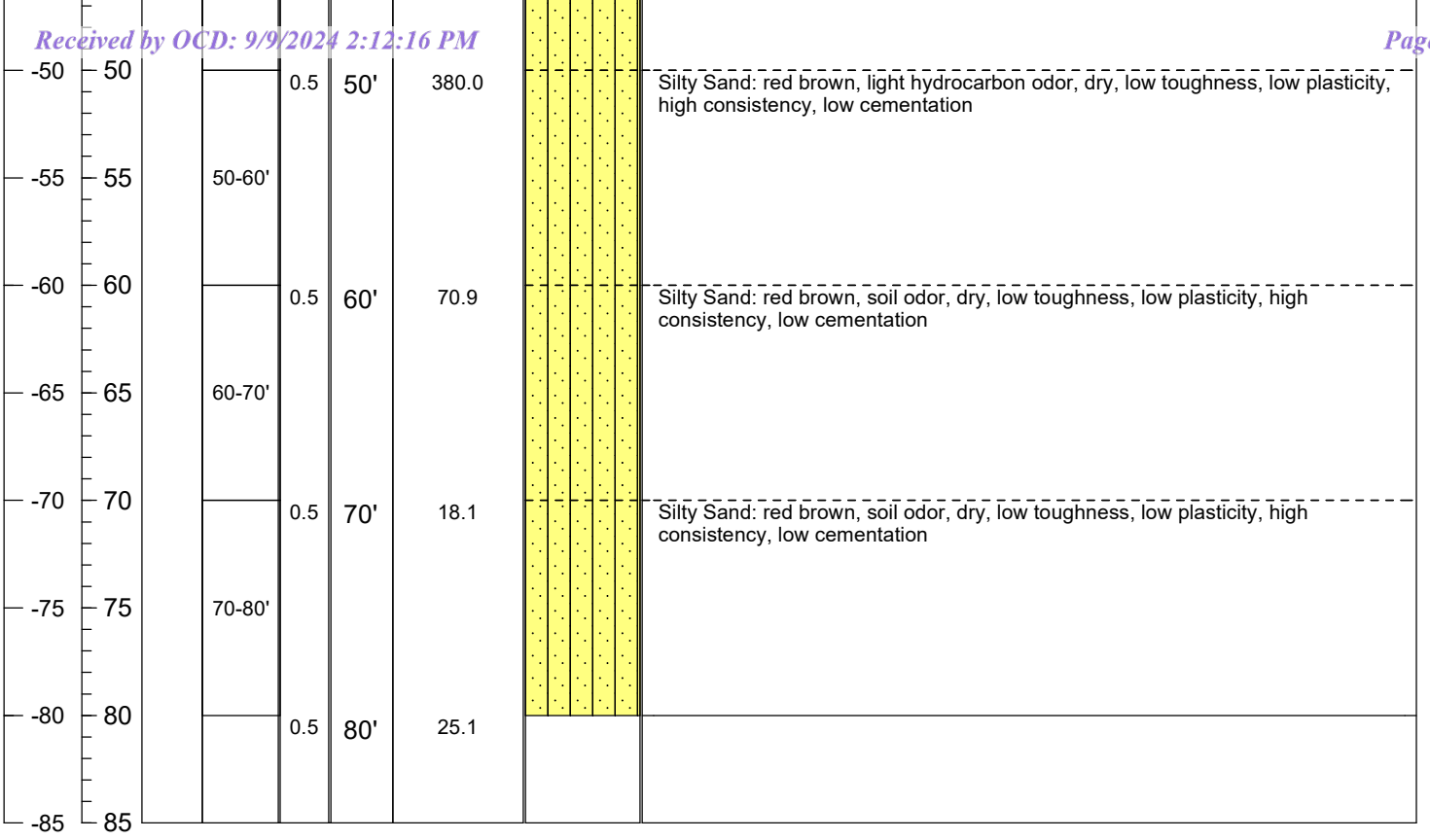


TRC **BORING LOG and WELL CONSTRUCTION**

New Boring-10

Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/23/2024 - 1345
Address: NA	Finish Date: NA
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 80 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA

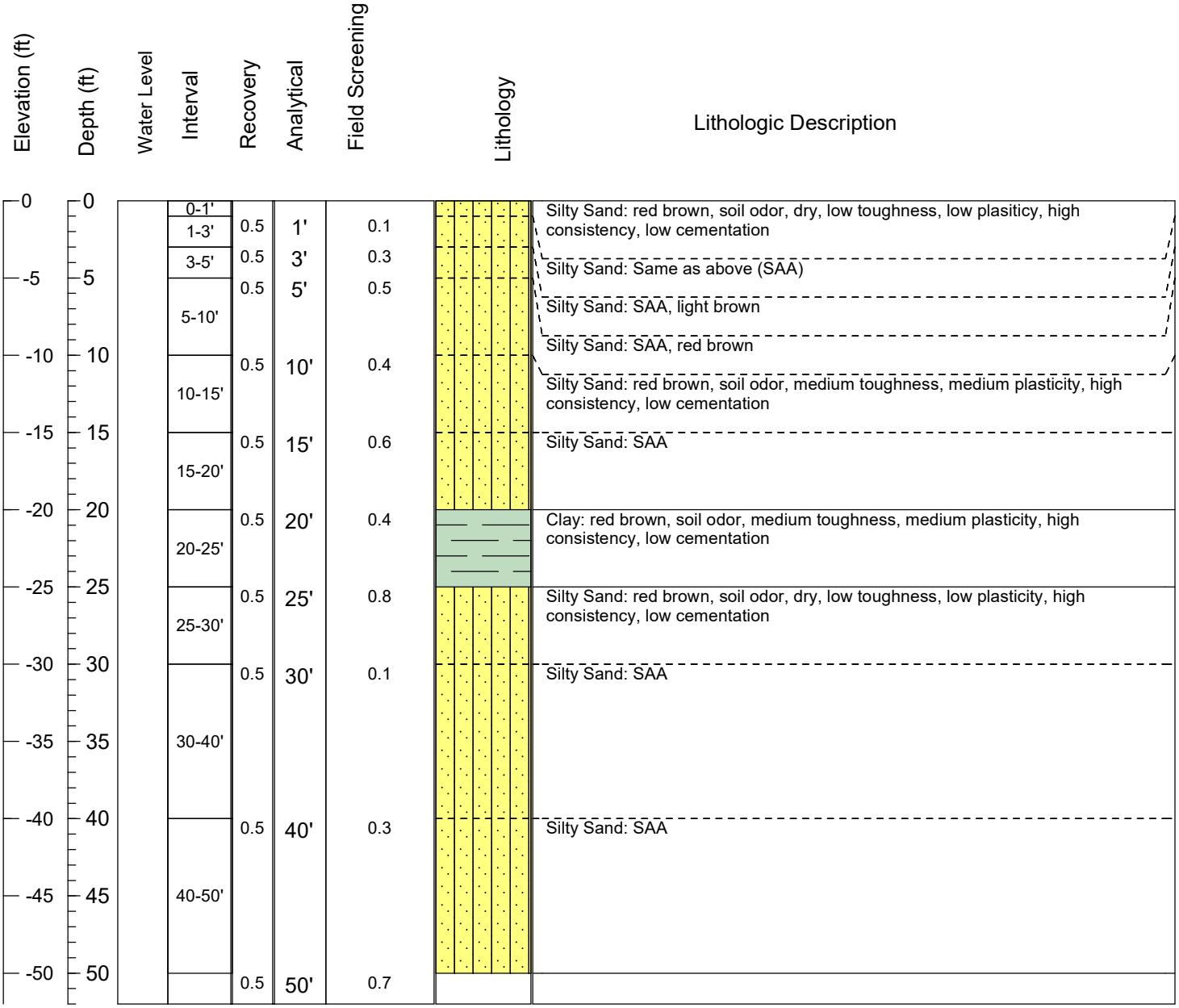
Elevation (ft)	Depth (ft)	Interval	Recovery	Analytical	Field Screening	Lithologic Description
0	0	0-1'	0.5	1'	0.7	Silty Sand: dark brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
		1-3'				
		3-5'	0.5	3'	0.5	Silty Sand: w/ little caliche, dark brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
-5	5	5-10'	0.5	5'	0.8	Silty Sand: w/ few caliche, light brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
-10	10	10-15'	0.5	10'	0.6	Silty Sand: w/ few caliche, red brown, soil odor, dry, low toughness, low plasiticy, high consistency, low cementation
-15	15	15-20'	0.5	15'	1.2	Silty Sand: w/ some caliche, red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation Clay: red brown, hydrocarbon odor, dry, low toughness, medium plasticity, high consistency, medium cementation
-20	20	20-25'	0.5	20'	1,020	Silty Sand: w/ little clay, hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
-25	25	25-30'	0.5	25'	645.2	Silty Sand: red brown, hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
-30	30	30-40'	0.5	30'	215.2	Silty Sand: red brown, light hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
-35	35					
-40	40		0.5	40'	436.85	Silty Sand: red brown, hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
-45	45	40-50'				


-50
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-55
55
-60
60
-65
65
-70
70
-75
75
-80
80
-85
85
50-60'
60-70'
70-80'
0.5
0.5
0.5
50'
60'
70'
80'
380.0
70.9
18.1
25.1
Silty Sand: red brown, light hydrocarbon odor, dry, low toughness, low plasticity, high consistency, low cementation
Silty Sand: red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation
Silty Sand: red brown, soil odor, dry, low toughness, low plasticity, high consistency, low cementation

BORING LOG and WELL CONSTRUCTION

New Boring-11

Client: Conoco Phillips	TRC Project #: 568435
Site: BKU Satellite G CTB	Start Date: 01/23/2024 - 1500
Address: NA	Finish Date: NA
Project: Drilling	Permit #: NA
Drilling Method: NA	TRC Site Rep.: RW
Boring Depth (ft bgs): 50 ft.	TRC Reviewer: Jared Stoffel
Boring Diameter (in): NA	X-Y Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Lat: NA
Well Material/Size: NA	Long: NA
Field Screening Parameter: Photoionization Detector (PID)	Elevation Datum: NA
Units: parts per million (ppm)	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): NA / Well Depth (ft toc): NA	Well Elevation (ft): NA
Surface Casing Length (ft): NA / Screen Length (ft): NA	Well Measuring Point: NA
Drilling Company: NA	Depth to Water (ft bgs): NA
Drilling Crew: NA	Date/Time: NA



Appendix C – General Photographs

Released to Imaging: 1/10/2025 10:56:20 AM

COP- BKU Satellite G CTB
3/27/2024

Photographic Documentation

Photograph No. 1 **Date:** **10/17/2023** **Direction:** **East** **Description:** **View of impacted area.**	
Photograph No. 2 **Date:** **10/17/2023** **Direction:** **Southeast** **Description:** **View of impacted area.**	

COP- BKU Satellite G CTB
3/27/2024

Photographic Documentation

Photograph No. 3 **Date:** **10/17/2023** **Direction:** **Northeast** **Description:** **View of impacted area.**	
Photograph No. 4 **Date:** **10/17/2023** **Direction:** **West** **Description:** **View of impacted area.**	

Appendix D – Laboratory Analytical Report

Released to Imaging: 1/10/2025 10:56:20 AM

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 2/5/2024 12:00:00 PM

JOB DESCRIPTION

COP BKU
568435

JOB NUMBER

890-5998-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 1/10/2025 10:56:20 AM

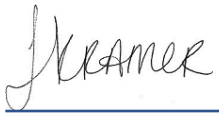
Eurofins Carlsbad

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
2/5/2024 12:00:00 PM

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

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Client Sample Results 8
Surrogate Summary 52
QC Sample Results 57
QC Association Summary 77
Lab Chronicle 90
Certification Summary 108
Method Summary 109
Sample Summary 110
Chain of Custody 112
Receipt Checklists 121

Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 890-5998-1
Project/Site: COP BKU SDG: 568435

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
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: TRC Solutions, Inc.
Project: COP BKU

Job ID: 890-5998-1

Job ID: 890-5998-1 Eurofins Carlsbad

Job Narrative
890-5998-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 1/19/2024 2:17 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 0.4°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CONFIRMAION BORING-2 10' (890-5998-1), CONFIRMAION BORING-2 15' (890-5998-2), CONFIRMAION BORING-2 20' (890-5998-3), CONFIRMAION BORING-2 25' (890-5998-4), CONFIRMAION BORING-2 30' (890-5998-5), CONFIRMAION BORING-2 35' (890-5998-6), CONFIRMAION BORING-2 40' (890-5998-7), CONFIRMAION BORING-2 45' (890-5998-8), CONFIRMAION BORING-2 50' (890-5998-9), CONFIRMAION BORING-2 60' (890-5998-10), CONFIRMAION BORING-2 70' (890-5998-11), CONFIRMAION BORING-2 80' (890-5998-12), CONFIRMAION BORING-2 90' (890-5998-13), CONFIRMAION BORING-2 100' (890-5998-14), CONFIRMAION BORING-3 10' (890-5998-15), CONFIRMAION BORING-3 15' (890-5998-16), CONFIRMAION BORING-3 20' (890-5998-17), CONFIRMAION BORING-3 25' (890-5998-18), CONFIRMAION BORING-3 30' (890-5998-19), CONFIRMAION BORING-3 40' (890-5998-20), CONFIRMAION BORING-3 50' (890-5998-21), CONFIRMAION BORING-3 60' (890-5998-22), CONFIRMAION BORING-4 10' (890-5998-23), CONFIRMAION BORING-4 15' (890-5998-24), CONFIRMAION BORING-4 20' (890-5998-25), CONFIRMAION BORING-4 25' (890-5998-26), CONFIRMAION BORING-4 30' (890-5998-27), CONFIRMAION BORING-4 40' (890-5998-28), CONFIRMAION BORING-4 50' (890-5998-29), CONFIRMAION BORING-4 60' (890-5998-30), CONFIRMAION BORING-4 70' (890-5998-31), CONFIRMAION BORING-1 10' (890-5998-32), CONFIRMAION BORING-1 15' (890-5998-33), CONFIRMAION BORING-1 20' (890-5998-34), CONFIRMAION BORING-1 25' (890-5998-35), CONFIRMAION BORING-1 30' (890-5998-36), CONFIRMAION BORING-1 40' (890-5998-37), CONFIRMAION BORING-1 50' (890-5998-38), CONFIRMAION BORING-1 60' (890-5998-39), CONFIRMAION BORING-1 70' (890-5998-40), CONFIRMAION BORING-1 80' (890-5998-41), CONFIRMAION BORING-1 90' (890-5998-42), CONFIRMAION BORING-1 100' (890-5998-43), NEW BORING-4 10' (890-5998-44), NEW BORING-4 15' (890-5998-45), NEW BORING-4 20' (890-5998-46), NEW BORING-4 25' (890-5998-47), NEW BORING-4 30' (890-5998-48), NEW BORING-4 40' (890-5998-49), NEW BORING-4 50' (890-5998-50), NEW BORING-1 10' (890-5998-51), NEW BORING-1 15' (890-5998-52), NEW BORING-1 20' (890-5998-53), NEW BORING-1 25' (890-5998-54), NEW BORING-1 30' (890-5998-55), NEW BORING-1 40' (890-5998-56), NEW BORING-1 50' (890-5998-57), NEW BORING-2 10' (890-5998-58), NEW BORING-2 15' (890-5998-59), NEW BORING-2 20' (890-5998-60), NEW BORING-2 25' (890-5998-61), NEW BORING-2 30' (890-5998-62), NEW BORING-2 40' (890-5998-63), NEW BORING-2 50' (890-5998-64), TB-01-19-2024-01 (890-5998-65) and TB-01-19-2024-02 (890-5998-66).

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-71786 and analytical batch 880-71848 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-5998-A-65 MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 880-71848 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-71764 recovered under the lower control limit for Benzene and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Case Narrative

Client: TRC Solutions, Inc.
Project: COP BKU

Job ID: 890-5998-1

Job ID: 890-5998-1 (Continued) Eurofins Carlsbad

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-71636 and analytical batch 880-71951 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CONFIRMAION BORING-2 10' (890-5998-1), CONFIRMAION BORING-2 15' (890-5998-2) and CONFIRMAION BORING-2 20' (890-5998-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CONFIRMAION BORING-2 20' (890-5998-3), CONFIRMAION BORING-2 25' (890-5998-4), CONFIRMAION BORING-2 50' (890-5998-9), CONFIRMAION BORING-2 60' (890-5998-10), CONFIRMAION BORING-2 70' (890-5998-11), CONFIRMAION BORING-3 15' (890-5998-16), CONFIRMAION BORING-3 25' (890-5998-18) and CONFIRMAION BORING-3 40' (890-5998-20). 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 880-71639 and analytical batch 880-71951 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CONFIRMAION BORING-2 25' (890-5998-4), CONFIRMAION BORING-2 35' (890-5998-6), CONFIRMAION BORING-2 40' (890-5998-7), CONFIRMAION BORING-2 45' (890-5998-8) and CONFIRMAION BORING-2 70' (890-5998-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: CONFIRMAION BORING-3 10' (890-5998-15). Elevated reporting limits (RLs) are provided.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: CONFIRMAION BORING-3 20' (890-5998-17). Elevated reporting limits (RLs) are provided.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-71692 and analytical batch 880-72000 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-71638 and analytical batch 880-71999 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: The surrogate recovery for the blank associated with preparation batch 880-71638 and analytical batch 880-71999 was outside the control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CONFIRMAION BORING-4 10' (890-5998-23), CONFIRMAION BORING-4 20' (890-5998-25) and CONFIRMAION BORING-1 20' (890-5998-34). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following samples were diluted due to <EXPLANATION_REQUIRED>, such as color, odor, appearance, viscosity, etc.>>: CONFIRMAION BORING-2 80' (890-5998-12) and CONFIRMAION BORING-2 90' (890-5998-13). Elevated reporting limits (RL) are provided.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-72049 and analytical batch 880-72043 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CONFIRMAION BORING-1 10' (890-5998-32), CONFIRMAION BORING-1 15' (890-5998-33), CONFIRMAION BORING-1 25' (890-5998-35), CONFIRMAION BORING-1 30' (890-5998-36), CONFIRMAION BORING-1 40' (890-5998-37), CONFIRMAION BORING-1 50' (890-5998-38), CONFIRMAION BORING-1 60' (890-5998-39) and CONFIRMAION BORING-1 70' (890-5998-40). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CONFIRMAION BORING-4 60'

Case Narrative

Client: TRC Solutions, Inc. Job ID: 890-5998-1
Project: COP BKU

Job ID: 890-5998-1 (Continued) Eurofins Carlsbad

(890-5998-30) and CONFIRMAION BORING-1 70' (890-5998-40). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-71830 and analytical batch 880-72093 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CONFIRMAION BORING-1 50' (890-5998-38). 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.

GC Semi VOA
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-71565 and 880-71569 and analytical batch 880-72087 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CONFIRMAION BORING-2 10' (890-5998-1), CONFIRMAION BORING-2 15' (890-5998-2), CONFIRMAION BORING-2 20' (890-5998-3), CONFIRMAION BORING-2 25' (890-5998-4), CONFIRMAION BORING-2 30' (890-5998-5), CONFIRMAION BORING-2 35' (890-5998-6), CONFIRMAION BORING-2 40' (890-5998-7), CONFIRMAION BORING-2 45' (890-5998-8), CONFIRMAION BORING-2 50' (890-5998-9), CONFIRMAION BORING-2 60' (890-5998-10), CONFIRMAION BORING-2 70' (890-5998-11), CONFIRMAION BORING-2 80' (890-5998-12), CONFIRMAION BORING-2 90' (890-5998-13), CONFIRMAION BORING-2 100' (890-5998-14), CONFIRMAION BORING-3 10' (890-5998-15), CONFIRMAION BORING-3 15' (890-5998-16), CONFIRMAION BORING-3 20' (890-5998-17), CONFIRMAION BORING-3 25' (890-5998-18), CONFIRMAION BORING-3 30' (890-5998-19), CONFIRMAION BORING-3 40' (890-5998-20), NEW BORING-2 25' (890-5998-61), NEW BORING-2 30' (890-5998-62), NEW BORING-2 40' (890-5998-63), NEW BORING-2 50' (890-5998-64), (890-5998-A-13-B MS), (890-5998-A-13-C MSD), (890-5998-A-61-B MS) and (890-5998-A-61-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-71565 and 880-71569 and analytical batch 880-72087 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: (CCV 880-72087/20), (CCV 880-72087/31), (CCV 880-72087/47), (CCV 880-72087/5) and (CCV 880-72087/58). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CONFIRMAION BORING-1 10' (890-5998-32) and CONFIRMAION BORING-1 50' (890-5998-38). 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.

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 10'

Lab Sample ID: 890-5998-1
Matrix: Solid
Date Collected: 01/18/24 10:07
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.152	F1	0.100		mg/Kg		01/25/24 18:04	01/30/24 17:23	50
Toluene	2.81		0.100		mg/Kg		01/25/24 18:04	01/30/24 17:23	50
Ethylbenzene	10.1		0.100		mg/Kg		01/25/24 18:04	01/30/24 17:23	50
m,p-Xylenes	10.9		0.201		mg/Kg		01/25/24 18:04	01/30/24 17:23	50
o-Xylene	2.48		0.100		mg/Kg		01/25/24 18:04	01/30/24 17:23	50
Xylenes, Total	13.4		0.201		mg/Kg		01/25/24 18:04	01/30/24 17:23	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*01/25/24 18:04*	*01/30/24 17:23*	*50*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/25/24 18:04*	*01/30/24 17:23*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	26.4		0.201		mg/Kg			01/30/24 17:23	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2300		49.9		mg/Kg			02/01/24 21:54	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	395		49.9		mg/Kg		01/25/24 09:07	02/01/24 21:54	1
Diesel Range Organics (Over C10-C28)	1900		49.9		mg/Kg		01/25/24 09:07	02/01/24 21:54	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/25/24 09:07	02/01/24 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*165*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/01/24 21:54*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*01/25/24 09:07*	*02/01/24 21:54*	*1*

Client Sample ID: CONFIRMAION BORING-2 15'

Lab Sample ID: 890-5998-2
Matrix: Solid
Date Collected: 01/18/24 10:15
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	10.1		0.398		mg/Kg		01/25/24 18:04	01/30/24 17:43	200
Toluene	3.53		0.398		mg/Kg		01/25/24 18:04	01/30/24 17:43	200
Ethylbenzene	77.6		0.398		mg/Kg		01/25/24 18:04	01/30/24 17:43	200
m,p-Xylenes	79.6		0.797		mg/Kg		01/25/24 18:04	01/30/24 17:43	200
o-Xylene	9.12		0.398		mg/Kg		01/25/24 18:04	01/30/24 17:43	200
Xylenes, Total	88.7		0.797		mg/Kg		01/25/24 18:04	01/30/24 17:43	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*01/25/24 18:04*	*01/30/24 17:43*	*200*
1,4-Difluorobenzene (Surr)	*58*	*S1-*	*70 - 130*	*01/25/24 18:04*	*01/30/24 17:43*	*200*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	180		0.797		mg/Kg			01/30/24 17:43	1

Client Sample Results

Client: TRC Solutions, Inc. Job ID: 890-5998-1
Project/Site: COP BKU SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 15' Lab Sample ID: 890-5998-2

Date Collected: 01/18/24 10:15 **Matrix: Solid**
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5520		49.7		mg/Kg			02/02/24 01:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1450		49.7		mg/Kg		01/25/24 09:07	02/02/24 01:25	1
Diesel Range Organics (Over C10-C28)	4070		49.7		mg/Kg		01/25/24 09:07	02/02/24 01:25	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/25/24 09:07	02/02/24 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*169*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/02/24 01:25*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*01/25/24 09:07*	*02/02/24 01:25*	*1*

Client Sample ID: CONFIRMAION BORING-2 20' Lab Sample ID: 890-5998-3

Date Collected: 01/18/24 10:25 **Matrix: Solid**
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12.7		0.199		mg/Kg		01/25/24 18:04	01/30/24 18:04	100
Toluene	44.4		2.00		mg/Kg		01/25/24 18:06	01/31/24 10:14	1000
Ethylbenzene	31.7		2.00		mg/Kg		01/25/24 18:06	01/31/24 10:14	1000
m,p-Xylenes	51.2		0.398		mg/Kg		01/25/24 18:04	01/30/24 18:04	100
o-Xylene	16.4		0.199		mg/Kg		01/25/24 18:04	01/30/24 18:04	100
Xylenes, Total	67.6		0.398		mg/Kg		01/25/24 18:04	01/30/24 18:04	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/25/24 18:04*	*01/30/24 18:04*	*100*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*01/25/24 18:04*	*01/30/24 18:04*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	156		2.00		mg/Kg			01/31/24 10:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3490		50.0		mg/Kg			02/02/24 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	705		50.0		mg/Kg		01/25/24 09:07	02/02/24 02:28	1
Diesel Range Organics (Over C10-C28)	2780		50.0		mg/Kg		01/25/24 09:07	02/02/24 02:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/25/24 09:07	02/02/24 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*155*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/02/24 02:28*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*01/25/24 09:07*	*02/02/24 02:28*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 25'

Lab Sample ID: 890-5998-4
Matrix: Solid
Date Collected: 01/18/24 10:35
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.10		0.0998		mg/Kg		01/25/24 18:04	01/30/24 18:24	50
Toluene	22.6		0.996		mg/Kg		01/25/24 18:06	01/31/24 10:34	500
Ethylbenzene	23.9		0.996		mg/Kg		01/25/24 18:06	01/31/24 10:34	500
m,p-Xylenes	32.9		0.200		mg/Kg		01/25/24 18:04	01/30/24 18:24	50
o-Xylene	9.62		0.0998		mg/Kg		01/25/24 18:04	01/30/24 18:24	50
Xylenes, Total	42.5		0.200		mg/Kg		01/25/24 18:04	01/30/24 18:24	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*01/25/24 18:04*	*01/30/24 18:24*	*50*
1,4-Difluorobenzene (Surr)	*58*	*S1-*	*70 - 130*	*01/25/24 18:04*	*01/30/24 18:24*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	90.1		0.996		mg/Kg			01/31/24 10:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4180		50.1		mg/Kg			02/02/24 02:50	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	1220		50.1		mg/Kg		01/25/24 09:07	02/02/24 02:50	1
Diesel Range Organics (Over C10-C28)	2960		50.1		mg/Kg		01/25/24 09:07	02/02/24 02:50	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/25/24 09:07	02/02/24 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*157*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/02/24 02:50*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*01/25/24 09:07*	*02/02/24 02:50*	*1*

Client Sample ID: CONFIRMAION BORING-2 30'

Lab Sample ID: 890-5998-5
Matrix: Solid
Date Collected: 01/18/24 10:42
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.823		0.101		mg/Kg		01/25/24 18:04	01/30/24 18:45	50
Toluene	17.2		0.101		mg/Kg		01/25/24 18:04	01/30/24 18:45	50
Ethylbenzene	19.8		0.101		mg/Kg		01/25/24 18:04	01/30/24 18:45	50
m,p-Xylenes	24.2		0.201		mg/Kg		01/25/24 18:04	01/30/24 18:45	50
o-Xylene	9.20		0.101		mg/Kg		01/25/24 18:04	01/30/24 18:45	50
Xylenes, Total	33.4		0.201		mg/Kg		01/25/24 18:04	01/30/24 18:45	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*01/25/24 18:04*	*01/30/24 18:45*	*50*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*01/25/24 18:04*	*01/30/24 18:45*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	71.2		0.201		mg/Kg			01/30/24 18:45	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 30'

Lab Sample ID: 890-5998-5
Matrix: Solid
Date Collected: 01/18/24 10:42
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2140		50.2		mg/Kg			02/01/24 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	689		50.2		mg/Kg		01/25/24 09:07	02/01/24 23:18	1
Diesel Range Organics (Over C10-C28)	1450		50.2		mg/Kg		01/25/24 09:07	02/01/24 23:18	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/25/24 09:07	02/01/24 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*158*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/01/24 23:18*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*01/25/24 09:07*	*02/01/24 23:18*	*1*

Client Sample ID: CONFIRMAION BORING-2 35'

Lab Sample ID: 890-5998-6
Matrix: Solid
Date Collected: 01/18/24 10:51
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.952		0.100		mg/Kg		01/25/24 18:04	01/30/24 19:05	50
Toluene	31.8		0.994		mg/Kg		01/25/24 18:06	01/31/24 10:55	500
Ethylbenzene	31.0		0.994		mg/Kg		01/25/24 18:06	01/31/24 10:55	500
m,p-Xylenes	33.0		1.99		mg/Kg		01/25/24 18:06	01/31/24 10:55	500
o-Xylene	12.6		0.100		mg/Kg		01/25/24 18:04	01/30/24 19:05	50
Xylenes, Total	47.3		1.99		mg/Kg		01/25/24 18:06	01/31/24 10:55	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*70 - 130*	*01/25/24 18:04*	*01/30/24 19:05*	*50*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*01/25/24 18:04*	*01/30/24 19:05*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	109		1.99		mg/Kg			01/31/24 10:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5810		50.1		mg/Kg			02/02/24 01:46	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	1250		50.1		mg/Kg		01/25/24 09:07	02/02/24 01:46	1
Diesel Range Organics (Over C10-C28)	4560		50.1		mg/Kg		01/25/24 09:07	02/02/24 01:46	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/25/24 09:07	02/02/24 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*190*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/02/24 01:46*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*01/25/24 09:07*	*02/02/24 01:46*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 40'

Lab Sample ID: 890-5998-7
Matrix: Solid
Date Collected: 01/18/24 11:00
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	14.1		2.00		mg/Kg		01/25/24 18:06	01/31/24 11:15	1000
Toluene	86.1		2.00		mg/Kg		01/25/24 18:06	01/31/24 11:15	1000
Ethylbenzene	51.5		2.00		mg/Kg		01/25/24 18:06	01/31/24 11:15	1000
m,p-Xylenes	57.3		3.99		mg/Kg		01/25/24 18:06	01/31/24 11:15	1000
o-Xylene	18.9		2.00		mg/Kg		01/25/24 18:06	01/31/24 11:15	1000
Xylenes, Total	76.2		3.99		mg/Kg		01/25/24 18:06	01/31/24 11:15	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*01/25/24 18:06*	*01/31/24 11:15*	*1000*
1,4-Difluorobenzene (Surr)	*62*	*S1-*	*70 - 130*	*01/25/24 18:06*	*01/31/24 11:15*	*1000*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	228		3.99		mg/Kg			01/31/24 11:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2890		50.4		mg/Kg			02/01/24 22:58	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	1150		50.4		mg/Kg		01/25/24 09:07	02/01/24 22:58	1
Diesel Range Organics (Over C10-C28)	1740		50.4		mg/Kg		01/25/24 09:07	02/01/24 22:58	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/25/24 09:07	02/01/24 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*158*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/01/24 22:58*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*01/25/24 09:07*	*02/01/24 22:58*	*1*

Client Sample ID: CONFIRMAION BORING-2 45'

Lab Sample ID: 890-5998-8
Matrix: Solid
Date Collected: 01/18/24 11:18
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	8.30		2.01		mg/Kg		01/25/24 18:06	01/31/24 11:36	1000
Toluene	72.3		2.01		mg/Kg		01/25/24 18:06	01/31/24 11:36	1000
Ethylbenzene	46.5		2.01		mg/Kg		01/25/24 18:06	01/31/24 11:36	1000
m,p-Xylenes	53.5		4.02		mg/Kg		01/25/24 18:06	01/31/24 11:36	1000
o-Xylene	17.1		2.01		mg/Kg		01/25/24 18:06	01/31/24 11:36	1000
Xylenes, Total	70.6		4.02		mg/Kg		01/25/24 18:06	01/31/24 11:36	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*01/25/24 18:06*	*01/31/24 11:36*	*1000*
1,4-Difluorobenzene (Surr)	*62*	*S1-*	*70 - 130*	*01/25/24 18:06*	*01/31/24 11:36*	*1000*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	198		4.02		mg/Kg			01/31/24 11:36	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 45'

Lab Sample ID: 890-5998-8
Matrix: Solid
Date Collected: 01/18/24 11:18
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3940		49.8		mg/Kg			02/02/24 03:11	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	1280		49.8		mg/Kg		01/25/24 09:07	02/02/24 03:11	1
Diesel Range Organics (Over C10-C28)	2660		49.8		mg/Kg		01/25/24 09:07	02/02/24 03:11	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/25/24 09:07	02/02/24 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*163*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/02/24 03:11*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*01/25/24 09:07*	*02/02/24 03:11*	*1*

Client Sample ID: CONFIRMAION BORING-2 50'

Lab Sample ID: 890-5998-9
Matrix: Solid
Date Collected: 01/18/24 11:30
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.17		0.399		mg/Kg		01/25/24 18:04	01/30/24 20:06	200
Toluene	60.0		0.399		mg/Kg		01/25/24 18:04	01/30/24 20:06	200
Ethylbenzene	58.8		0.399		mg/Kg		01/25/24 18:04	01/30/24 20:06	200
m,p-Xylenes	63.5		0.798		mg/Kg		01/25/24 18:04	01/30/24 20:06	200
o-Xylene	22.7		0.399		mg/Kg		01/25/24 18:04	01/30/24 20:06	200
Xylenes, Total	86.2		0.798		mg/Kg		01/25/24 18:04	01/30/24 20:06	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/25/24 18:04*	*01/30/24 20:06*	*200*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/25/24 18:04*	*01/30/24 20:06*	*200*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	207		0.798		mg/Kg			01/30/24 20:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5320		49.9		mg/Kg			02/02/24 01:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1100		49.9		mg/Kg		01/25/24 09:07	02/02/24 01:03	1
Diesel Range Organics (Over C10-C28)	4220		49.9		mg/Kg		01/25/24 09:07	02/02/24 01:03	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/25/24 09:07	02/02/24 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*162*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/02/24 01:03*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*01/25/24 09:07*	*02/02/24 01:03*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 60'

Lab Sample ID: 890-5998-10
Matrix: Solid
Date Collected: 01/18/24 11:40
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.101		mg/Kg		01/25/24 18:04	01/30/24 20:27	50
Toluene	27.4		1.99		mg/Kg		01/25/24 18:06	01/31/24 11:56	1000
Ethylbenzene	19.2		1.99		mg/Kg		01/25/24 18:06	01/31/24 11:56	1000
m,p-Xylenes	27.4		0.201		mg/Kg		01/25/24 18:04	01/30/24 20:27	50
o-Xylene	9.58		0.101		mg/Kg		01/25/24 18:04	01/30/24 20:27	50
Xylenes, Total	37.0		0.201		mg/Kg		01/25/24 18:04	01/30/24 20:27	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/25/24 18:04*	*01/30/24 20:27*	*50*
1,4-Difluorobenzene (Surr)	*64*	*S1-*	*70 - 130*	*01/25/24 18:04*	*01/30/24 20:27*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	84.7		1.99		mg/Kg			01/31/24 11:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2490		49.6		mg/Kg			02/01/24 22:15	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	530		49.6		mg/Kg		01/25/24 09:07	02/01/24 22:15	1
Diesel Range Organics (Over C10-C28)	1960		49.6		mg/Kg		01/25/24 09:07	02/01/24 22:15	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/25/24 09:07	02/01/24 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*154*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/01/24 22:15*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*01/25/24 09:07*	*02/01/24 22:15*	*1*

Client Sample ID: CONFIRMAION BORING-2 70'

Lab Sample ID: 890-5998-11
Matrix: Solid
Date Collected: 01/18/24 13:30
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.56		0.100		mg/Kg		01/25/24 18:04	01/30/24 22:17	50
Toluene	27.4		0.994		mg/Kg		01/25/24 18:06	01/31/24 12:17	500
Ethylbenzene	22.7		0.994		mg/Kg		01/25/24 18:06	01/31/24 12:17	500
m,p-Xylenes	27.3		0.200		mg/Kg		01/25/24 18:04	01/30/24 22:17	50
o-Xylene	9.69		0.100		mg/Kg		01/25/24 18:04	01/30/24 22:17	50
Xylenes, Total	37.0		0.200		mg/Kg		01/25/24 18:04	01/30/24 22:17	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*01/25/24 18:04*	*01/30/24 22:17*	*50*
1,4-Difluorobenzene (Surr)	*55*	*S1-*	*70 - 130*	*01/25/24 18:04*	*01/30/24 22:17*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	88.7		0.994		mg/Kg			01/31/24 12:17	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 70'

Lab Sample ID: 890-5998-11
Matrix: Solid
Date Collected: 01/18/24 13:30
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1210**		50.0		mg/Kg			02/02/24 00:01	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	**317**		50.0		mg/Kg		01/25/24 09:07	02/02/24 00:01	1
Diesel Range Organics (Over C10-C28)	**889**		50.0		mg/Kg		01/25/24 09:07	02/02/24 00:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/25/24 09:07	02/02/24 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*159*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/02/24 00:01*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*01/25/24 09:07*	*02/02/24 00:01*	*1*

Client Sample ID: CONFIRMAION BORING-2 80'

Lab Sample ID: 890-5998-12
Matrix: Solid
Date Collected: 01/18/24 13:50
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		01/26/24 11:33	01/31/24 19:11	10
Toluene	<0.0199	U	0.0199		mg/Kg		01/26/24 11:33	01/31/24 19:11	10
Ethylbenzene	<0.0199	U	0.0199		mg/Kg		01/26/24 11:33	01/31/24 19:11	10
m,p-Xylenes	<0.0398	U	0.0398		mg/Kg		01/26/24 11:33	01/31/24 19:11	10
o-Xylene	<0.0199	U	0.0199		mg/Kg		01/26/24 11:33	01/31/24 19:11	10
Xylenes, Total	<0.0398	U	0.0398		mg/Kg		01/26/24 11:33	01/31/24 19:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*01/26/24 11:33*	*01/31/24 19:11*	*10*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*01/26/24 11:33*	*01/31/24 19:11*	*10*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0398	U	0.0398		mg/Kg			01/31/24 19:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**246**		50.2		mg/Kg			02/01/24 21:12	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	<50.2	U	50.2		mg/Kg		01/25/24 09:07	02/01/24 21:12	1
Diesel Range Organics (Over C10-C28)	**246**		50.2		mg/Kg		01/25/24 09:07	02/01/24 21:12	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/25/24 09:07	02/01/24 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*163*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/01/24 21:12*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*01/25/24 09:07*	*02/01/24 21:12*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 90'

Lab Sample ID: 890-5998-13
Matrix: Solid
Date Collected: 01/18/24 13:55
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		01/26/24 11:33	01/31/24 19:31	10
Toluene	<0.0200	U	0.0200		mg/Kg		01/26/24 11:33	01/31/24 19:31	10
Ethylbenzene	<0.0200	U	0.0200		mg/Kg		01/26/24 11:33	01/31/24 19:31	10
m,p-Xylenes	<0.0401	U	0.0401		mg/Kg		01/26/24 11:33	01/31/24 19:31	10
o-Xylene	<0.0200	U	0.0200		mg/Kg		01/26/24 11:33	01/31/24 19:31	10
Xylenes, Total	<0.0401	U	0.0401		mg/Kg		01/26/24 11:33	01/31/24 19:31	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/26/24 11:33*	*01/31/24 19:31*	*10*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*01/26/24 11:33*	*01/31/24 19:31*	*10*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0401	U	0.0401		mg/Kg			01/31/24 19:31	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**64.7**		50.1		mg/Kg			02/01/24 20:08	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	<50.1	U	50.1		mg/Kg		01/25/24 09:07	02/01/24 20:08	1
Diesel Range Organics (Over C10-C28)	**64.7**	**F1**	50.1		mg/Kg		01/25/24 09:07	02/01/24 20:08	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/25/24 09:07	02/01/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*148*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/01/24 20:08*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*01/25/24 09:07*	*02/01/24 20:08*	*1*

Client Sample ID: CONFIRMAION BORING-2 100'

Lab Sample ID: 890-5998-14
Matrix: Solid
Date Collected: 01/18/24 01:04
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0998	U	0.0998		mg/Kg		01/25/24 18:04	01/30/24 23:18	50
Toluene	**0.476**		0.0998		mg/Kg		01/25/24 18:04	01/30/24 23:18	50
Ethylbenzene	**0.425**		0.0998		mg/Kg		01/25/24 18:04	01/30/24 23:18	50
m,p-Xylenes	**0.527**		0.200		mg/Kg		01/25/24 18:04	01/30/24 23:18	50
o-Xylene	**0.233**		0.0998		mg/Kg		01/25/24 18:04	01/30/24 23:18	50
Xylenes, Total	**0.760**		0.200		mg/Kg		01/25/24 18:04	01/30/24 23:18	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*01/25/24 18:04*	*01/30/24 23:18*	*50*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*01/25/24 18:04*	*01/30/24 23:18*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1.66**		0.200		mg/Kg			01/30/24 23:18	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 100'

Lab Sample ID: 890-5998-14
Matrix: Solid
Date Collected: 01/18/24 01:04
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**109**		50.3		mg/Kg			02/01/24 21:34	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	<50.3	U	50.3		mg/Kg		01/25/24 09:07	02/01/24 21:34	1
Diesel Range Organics (Over C10-C28)	**109**		50.3		mg/Kg		01/25/24 09:07	02/01/24 21:34	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/25/24 09:07	02/01/24 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*154*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/01/24 21:34*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*01/25/24 09:07*	*02/01/24 21:34*	*1*

Client Sample ID: CONFIRMAION BORING-3 10'

Lab Sample ID: 890-5998-15
Matrix: Solid
Date Collected: 01/18/24 14:20
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.201	U	0.201		mg/Kg		01/25/24 18:04	01/30/24 23:39	100
Toluene	<0.201	U	0.201		mg/Kg		01/25/24 18:04	01/30/24 23:39	100
Ethylbenzene	**6.61**		0.201		mg/Kg		01/25/24 18:04	01/30/24 23:39	100
m,p-Xylenes	**9.25**		0.402		mg/Kg		01/25/24 18:04	01/30/24 23:39	100
o-Xylene	**1.32**		0.201		mg/Kg		01/25/24 18:04	01/30/24 23:39	100
Xylenes, Total	**10.6**		0.402		mg/Kg		01/25/24 18:04	01/30/24 23:39	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*01/25/24 18:04*	*01/30/24 23:39*	*100*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*01/25/24 18:04*	*01/30/24 23:39*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**17.2**		0.402		mg/Kg			01/30/24 23:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2130**		50.0		mg/Kg			02/01/24 22:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**251**		50.0		mg/Kg		01/25/24 09:07	02/01/24 22:36	1
Diesel Range Organics (Over C10-C28)	**1880**		50.0		mg/Kg		01/25/24 09:07	02/01/24 22:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/25/24 09:07	02/01/24 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*175*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/01/24 22:36*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*01/25/24 09:07*	*02/01/24 22:36*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-3 15'

Lab Sample ID: 890-5998-16
Matrix: Solid
Date Collected: 01/18/24 14:38
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.17**		0.199		mg/Kg		01/25/24 18:04	01/30/24 23:59	100
Toluene	**5.41**		0.199		mg/Kg		01/25/24 18:04	01/30/24 23:59	100
Ethylbenzene	**35.5**		0.199		mg/Kg		01/25/24 18:04	01/30/24 23:59	100
m,p-Xylenes	**49.3**		0.398		mg/Kg		01/25/24 18:04	01/30/24 23:59	100
o-Xylene	**1.57**		0.199		mg/Kg		01/25/24 18:04	01/30/24 23:59	100
Xylenes, Total	**50.9**		0.398		mg/Kg		01/25/24 18:04	01/30/24 23:59	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*01/25/24 18:04*	*01/30/24 23:59*	*100*
1,4-Difluorobenzene (Surr)	*60*	*S1-*	*70 - 130*	*01/25/24 18:04*	*01/30/24 23:59*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**94.0**		0.398		mg/Kg			01/30/24 23:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**10600**		250		mg/Kg			02/02/24 03:31	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	**1630**		250		mg/Kg		01/25/24 09:07	02/02/24 03:31	5
Diesel Range Organics (Over C10-C28)	**8930**		250		mg/Kg		01/25/24 09:07	02/02/24 03:31	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		01/25/24 09:07	02/02/24 03:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*191*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/02/24 03:31*	*5*
o-Terphenyl (Surr)	*106*		*70 - 130*	*01/25/24 09:07*	*02/02/24 03:31*	*5*

Client Sample ID: CONFIRMAION BORING-3 20'

Lab Sample ID: 890-5998-17
Matrix: Solid
Date Collected: 01/18/24 14:44
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		01/25/24 18:04	01/31/24 00:20	100
Toluene	**0.927**		0.199		mg/Kg		01/25/24 18:04	01/31/24 00:20	100
Ethylbenzene	**5.83**		0.199		mg/Kg		01/25/24 18:04	01/31/24 00:20	100
m,p-Xylenes	**6.12**		0.398		mg/Kg		01/25/24 18:04	01/31/24 00:20	100
o-Xylene	**1.21**		0.199		mg/Kg		01/25/24 18:04	01/31/24 00:20	100
Xylenes, Total	**7.33**		0.398		mg/Kg		01/25/24 18:04	01/31/24 00:20	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*01/25/24 18:04*	*01/31/24 00:20*	*100*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*01/25/24 18:04*	*01/31/24 00:20*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**14.1**		0.398		mg/Kg			01/31/24 00:20	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-3 20'

Lab Sample ID: 890-5998-17
Matrix: Solid
Date Collected: 01/18/24 14:44
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1280		49.6		mg/Kg			02/01/24 23:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	123		49.6		mg/Kg		01/25/24 09:07	02/01/24 23:39	1
Diesel Range Organics (Over C10-C28)	1160		49.6		mg/Kg		01/25/24 09:07	02/01/24 23:39	1
Oll Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/25/24 09:07	02/01/24 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*151*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/01/24 23:39*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*01/25/24 09:07*	*02/01/24 23:39*	*1*

Client Sample ID: CONFIRMAION BORING-3 25'

Lab Sample ID: 890-5998-18
Matrix: Solid
Date Collected: 01/18/24 14:54
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.07		0.0998		mg/Kg		01/25/24 18:04	01/31/24 00:40	50
Toluene	48.3		2.00		mg/Kg		01/25/24 18:06	01/31/24 12:37	1000
Ethylbenzene	64.4		2.00		mg/Kg		01/25/24 18:06	01/31/24 12:37	1000
m,p-Xylenes	70.0		3.99		mg/Kg		01/25/24 18:06	01/31/24 12:37	1000
o-Xylene	32.9		2.00		mg/Kg		01/25/24 18:06	01/31/24 12:37	1000
Xylenes, Total	103		3.99		mg/Kg		01/25/24 18:06	01/31/24 12:37	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*178*	*S1+*	*70 - 130*	*01/25/24 18:04*	*01/31/24 00:40*	*50*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*01/25/24 18:04*	*01/31/24 00:40*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	217		3.99		mg/Kg			01/31/24 12:37	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	10600		249		mg/Kg			02/02/24 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	2390		249		mg/Kg		01/25/24 09:07	02/02/24 03:53	5
Diesel Range Organics (Over C10-C28)	8160		249		mg/Kg		01/25/24 09:07	02/02/24 03:53	5
Oll Range Organics (Over C28-C36)	<249	U	249		mg/Kg		01/25/24 09:07	02/02/24 03:53	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*191*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/02/24 03:53*	*5*
o-Terphenyl (Surr)	*119*		*70 - 130*	*01/25/24 09:07*	*02/02/24 03:53*	*5*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-3 30'

Lab Sample ID: 890-5998-19
Matrix: Solid
Date Collected: 01/18/24 15:00
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.123		0.101		mg/Kg		01/25/24 18:04	01/31/24 01:00	50
Toluene	19.4		0.101		mg/Kg		01/25/24 18:04	01/31/24 01:00	50
Ethylbenzene	25.9		0.499		mg/Kg		01/31/24 12:30	02/01/24 07:55	250
m,p-Xylenes	39.4		0.201		mg/Kg		01/25/24 18:04	01/31/24 01:00	50
o-Xylene	8.96		0.101		mg/Kg		01/25/24 18:04	01/31/24 01:00	50
Xylenes, Total	48.4		0.201		mg/Kg		01/25/24 18:04	01/31/24 01:00	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*01/25/24 18:04*	*01/31/24 01:00*	*50*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*01/25/24 18:04*	*01/31/24 01:00*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	93.8		0.499		mg/Kg			02/01/24 07:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4610		50.2		mg/Kg			02/02/24 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	782		50.2		mg/Kg		01/25/24 09:07	02/02/24 02:07	1
Diesel Range Organics (Over C10-C28)	3830		50.2		mg/Kg		01/25/24 09:07	02/02/24 02:07	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/25/24 09:07	02/02/24 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*169*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/02/24 02:07*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*01/25/24 09:07*	*02/02/24 02:07*	*1*

Client Sample ID: CONFIRMAION BORING-3 40'

Lab Sample ID: 890-5998-20
Matrix: Solid
Date Collected: 01/18/24 15:10
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.17		0.100		mg/Kg		01/25/24 18:04	01/31/24 01:21	50
Toluene	41.3		2.01		mg/Kg		01/25/24 18:06	01/31/24 12:58	1000
Ethylbenzene	54.4		2.01		mg/Kg		01/25/24 18:06	01/31/24 12:58	1000
m,p-Xylenes	59.3		4.02		mg/Kg		01/25/24 18:06	01/31/24 12:58	1000
o-Xylene	19.5		0.100		mg/Kg		01/25/24 18:04	01/31/24 01:21	50
Xylenes, Total	91.1		4.02		mg/Kg		01/25/24 18:06	01/31/24 12:58	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/25/24 18:04*	*01/31/24 01:21*	*50*
1,4-Difluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*01/25/24 18:04*	*01/31/24 01:21*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	176		4.02		mg/Kg			01/31/24 12:58	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-3 40'

Lab Sample ID: 890-5998-20
Matrix: Solid
Date Collected: 01/18/24 15:10
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**5970**		50.4		mg/Kg			02/02/24 00:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**1070**		50.4		mg/Kg		01/25/24 09:07	02/02/24 00:42	1
Diesel Range Organics (Over C10-C28)	**4900**		50.4		mg/Kg		01/25/24 09:07	02/02/24 00:42	1
Oll Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/25/24 09:07	02/02/24 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*169*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/02/24 00:42*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*01/25/24 09:07*	*02/02/24 00:42*	*1*

Client Sample ID: CONFIRMAION BORING-3 50'

Lab Sample ID: 890-5998-21
Matrix: Solid
Date Collected: 01/18/24 15:27
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:05	01/31/24 12:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:05	01/31/24 12:22	1
Ethylbenzene	<0.00201	U *+ *1	0.00201		mg/Kg		01/25/24 18:05	01/31/24 12:22	1
m,p-Xylenes	<0.00402	U *+ *1	0.00402		mg/Kg		01/25/24 18:05	01/31/24 12:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:05	01/31/24 12:22	1
Xylenes, Total	<0.00402	U *+ *1	0.00402		mg/Kg		01/25/24 18:05	01/31/24 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*01/25/24 18:05*	*01/31/24 12:22*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*01/25/24 18:05*	*01/31/24 12:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/24 12:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/02/24 22:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/25/24 09:10	02/02/24 22:36	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/25/24 09:10	02/02/24 22:36	1
Oll Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/25/24 09:10	02/02/24 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*01/25/24 09:10*	*02/02/24 22:36*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*01/25/24 09:10*	*02/02/24 22:36*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-3 60'

Lab Sample ID: 890-5998-22
Matrix: Solid
Date Collected: 01/18/24 15:35
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:05	01/31/24 12:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:05	01/31/24 12:48	1
Ethylbenzene	<0.00199	U *+ *1	0.00199		mg/Kg		01/25/24 18:05	01/31/24 12:48	1
m,p-Xylenes	<0.00398	U *+ *1	0.00398		mg/Kg		01/25/24 18:05	01/31/24 12:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:05	01/31/24 12:48	1
Xylenes, Total	<0.00398	U *+ *1	0.00398		mg/Kg		01/25/24 18:05	01/31/24 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*01/25/24 18:05*	*01/31/24 12:48*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*	*01/25/24 18:05*	*01/31/24 12:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/24 12:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/24 21:26	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	<49.8	U	49.8		mg/Kg		01/25/24 09:10	02/02/24 21:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/25/24 09:10	02/02/24 21:26	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/25/24 09:10	02/02/24 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*01/25/24 09:10*	*02/02/24 21:26*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*01/25/24 09:10*	*02/02/24 21:26*	*1*

Client Sample ID: CONFIRMAION BORING-4 10'

Lab Sample ID: 890-5998-23
Matrix: Solid
Date Collected: 01/18/24 11:18
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:05	01/31/24 13:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:05	01/31/24 13:14	1
Ethylbenzene	<0.00199	U *+ *1	0.00199		mg/Kg		01/25/24 18:05	01/31/24 13:14	1
m,p-Xylenes	<0.00398	U *+ *1	0.00398		mg/Kg		01/25/24 18:05	01/31/24 13:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:05	01/31/24 13:14	1
Xylenes, Total	<0.00398	U *+ *1	0.00398		mg/Kg		01/25/24 18:05	01/31/24 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*01/25/24 18:05*	*01/31/24 13:14*	*1*
1,4-Difluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*01/25/24 18:05*	*01/31/24 13:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/24 13:14	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-4 10'

Lab Sample ID: 890-5998-23
Matrix: Solid
Date Collected: 01/18/24 11:18
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/02/24 22:58	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	<50.5	U	50.5		mg/Kg		01/25/24 09:10	02/02/24 22:58	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/25/24 09:10	02/02/24 22:58	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/25/24 09:10	02/02/24 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*01/25/24 09:10*	*02/02/24 22:58*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*01/25/24 09:10*	*02/02/24 22:58*	*1*

Client Sample ID: CONFIRMAION BORING-4 15'

Lab Sample ID: 890-5998-24
Matrix: Solid
Date Collected: 01/18/24 11:24
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 13:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 13:40	1
Ethylbenzene	<0.00200	U *+ *1	0.00200		mg/Kg		01/25/24 18:05	01/31/24 13:40	1
m,p-Xylenes	<0.00399	U *+ *1	0.00399		mg/Kg		01/25/24 18:05	01/31/24 13:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 13:40	1
Xylenes, Total	<0.00399	U *+ *1	0.00399		mg/Kg		01/25/24 18:05	01/31/24 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*01/25/24 18:05*	*01/31/24 13:40*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*01/25/24 18:05*	*01/31/24 13:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/24 13:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/24 23:22	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	<50.0	U	50.0		mg/Kg		01/25/24 09:10	02/02/24 23:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/25/24 09:10	02/02/24 23:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/25/24 09:10	02/02/24 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*01/25/24 09:10*	*02/02/24 23:22*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*01/25/24 09:10*	*02/02/24 23:22*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-4 20'

Lab Sample ID: 890-5998-25
Matrix: Solid
Date Collected: 01/18/24 11:32
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:05	01/31/24 14:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:05	01/31/24 14:06	1
Ethylbenzene	<0.00201	U *+ *1	0.00201		mg/Kg		01/25/24 18:05	01/31/24 14:06	1
m,p-Xylenes	<0.00402	U *+ *1	0.00402		mg/Kg		01/25/24 18:05	01/31/24 14:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:05	01/31/24 14:06	1
Xylenes, Total	<0.00402	U *+ *1	0.00402		mg/Kg		01/25/24 18:05	01/31/24 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*01/25/24 18:05*	*01/31/24 14:06*	*1*
1,4-Difluorobenzene (Surr)	*61*	*S1-*	*70 - 130*	*01/25/24 18:05*	*01/31/24 14:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/24 14:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/24 23:45	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	<49.9	U	49.9		mg/Kg		01/25/24 09:10	02/02/24 23:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/25/24 09:10	02/02/24 23:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/25/24 09:10	02/02/24 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*01/25/24 09:10*	*02/02/24 23:45*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*01/25/24 09:10*	*02/02/24 23:45*	*1*

Client Sample ID: CONFIRMAION BORING-4 25'

Lab Sample ID: 890-5998-26
Matrix: Solid
Date Collected: 01/18/24 12:40
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 14:32	1
Ethylbenzene	<0.00200	U *+ *1	0.00200		mg/Kg		01/25/24 18:05	01/31/24 14:32	1
m,p-Xylenes	<0.00401	U *+ *1	0.00401		mg/Kg		01/25/24 18:05	01/31/24 14:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 14:32	1
Xylenes, Total	<0.00401	U *+ *1	0.00401		mg/Kg		01/25/24 18:05	01/31/24 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/25/24 18:05*	*01/31/24 14:32*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*01/25/24 18:05*	*01/31/24 14:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/31/24 14:32	1

Eurofins Carlsbad

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-4 25'

Lab Sample ID: 890-5998-26
Matrix: Solid
Date Collected: 01/18/24 12:40
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/03/24 00:07	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	<49.7	U	49.7		mg/Kg		01/25/24 09:10	02/03/24 00:07	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/25/24 09:10	02/03/24 00:07	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/25/24 09:10	02/03/24 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*01/25/24 09:10*	*02/03/24 00:07*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*01/25/24 09:10*	*02/03/24 00:07*	*1*

Client Sample ID: CONFIRMAION BORING-4 30'

Lab Sample ID: 890-5998-27
Matrix: Solid
Date Collected: 01/18/24 12:50
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:05	01/31/24 14:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:05	01/31/24 14:58	1
Ethylbenzene	<0.00199	U *+ *1	0.00199		mg/Kg		01/25/24 18:05	01/31/24 14:58	1
m,p-Xylenes	<0.00398	U *+ *1	0.00398		mg/Kg		01/25/24 18:05	01/31/24 14:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:05	01/31/24 14:58	1
Xylenes, Total	<0.00398	U *+ *1	0.00398		mg/Kg		01/25/24 18:05	01/31/24 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/25/24 18:05*	*01/31/24 14:58*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*01/25/24 18:05*	*01/31/24 14:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/24 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/24 00:30	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/25/24 09:10	02/03/24 00:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/25/24 09:10	02/03/24 00:30	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/25/24 09:10	02/03/24 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*01/25/24 09:10*	*02/03/24 00:30*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*01/25/24 09:10*	*02/03/24 00:30*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-4 40'

Lab Sample ID: 890-5998-28
Matrix: Solid
Date Collected: 01/18/24 13:00
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:05	01/31/24 15:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:05	01/31/24 15:24	1
Ethylbenzene	<0.00199	U *+ *1	0.00199		mg/Kg		01/25/24 18:05	01/31/24 15:24	1
m,p-Xylenes	<0.00398	U *+ *1	0.00398		mg/Kg		01/25/24 18:05	01/31/24 15:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:05	01/31/24 15:24	1
Xylenes, Total	<0.00398	U *+ *1	0.00398		mg/Kg		01/25/24 18:05	01/31/24 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*01/25/24 18:05*	*01/31/24 15:24*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*01/25/24 18:05*	*01/31/24 15:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/24 15:24	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/03/24 00:53	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	<50.1	U	50.1		mg/Kg		01/25/24 09:10	02/03/24 00:53	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/25/24 09:10	02/03/24 00:53	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/25/24 09:10	02/03/24 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*01/25/24 09:10*	*02/03/24 00:53*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*01/25/24 09:10*	*02/03/24 00:53*	*1*

Client Sample ID: CONFIRMAION BORING-4 50'

Lab Sample ID: 890-5998-29
Matrix: Solid
Date Collected: 01/18/24 13:18
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 15:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 15:50	1
Ethylbenzene	<0.00200	U *+ *1	0.00200		mg/Kg		01/25/24 18:05	01/31/24 15:50	1
m,p-Xylenes	<0.00399	U *+ *1	0.00399		mg/Kg		01/25/24 18:05	01/31/24 15:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 15:50	1
Xylenes, Total	<0.00399	U *+ *1	0.00399		mg/Kg		01/25/24 18:05	01/31/24 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*01/25/24 18:05*	*01/31/24 15:50*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*01/25/24 18:05*	*01/31/24 15:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/24 15:50	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-4 50'

Lab Sample ID: 890-5998-29
Matrix: Solid
Date Collected: 01/18/24 13:18
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/03/24 01:17	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	<50.1	U	50.1		mg/Kg		01/25/24 09:10	02/03/24 01:17	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/25/24 09:10	02/03/24 01:17	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/25/24 09:10	02/03/24 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*01/25/24 09:10*	*02/03/24 01:17*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*01/25/24 09:10*	*02/03/24 01:17*	*1*

Client Sample ID: CONFIRMAION BORING-4 60'

Lab Sample ID: 890-5998-30
Matrix: Solid
Date Collected: 01/18/24 13:37
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		01/29/24 13:34	02/01/24 11:35	10
Toluene	<0.0200	U	0.0200		mg/Kg		01/29/24 13:34	02/01/24 11:35	10
Ethylbenzene	<0.0200	U	0.0200		mg/Kg		01/29/24 13:34	02/01/24 11:35	10
m,p-Xylenes	<0.0399	U	0.0399		mg/Kg		01/29/24 13:34	02/01/24 11:35	10
o-Xylene	<0.0200	U	0.0200		mg/Kg		01/29/24 13:34	02/01/24 11:35	10
Xylenes, Total	<0.0399	U	0.0399		mg/Kg		01/29/24 13:34	02/01/24 11:35	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*48*	*S1-*	*70 - 130*	*01/29/24 13:34*	*02/01/24 11:35*	*10*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/29/24 13:34*	*02/01/24 11:35*	*10*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0399	U	0.0399		mg/Kg			02/01/24 11:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/03/24 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	<50.4	U	50.4		mg/Kg		01/25/24 09:10	02/03/24 01:41	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/25/24 09:10	02/03/24 01:41	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/25/24 09:10	02/03/24 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*01/25/24 09:10*	*02/03/24 01:41*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*01/25/24 09:10*	*02/03/24 01:41*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-4 70'

Lab Sample ID: 890-5998-31
Matrix: Solid
Date Collected: 01/18/24 14:00
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 16:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 16:16	1
Ethylbenzene	<0.00200	U *+ *1	0.00200		mg/Kg		01/25/24 18:05	01/31/24 16:16	1
m,p-Xylenes	<0.00401	U *+ *1	0.00401		mg/Kg		01/25/24 18:05	01/31/24 16:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 16:16	1
Xylenes, Total	<0.00401	U *+ *1	0.00401		mg/Kg		01/25/24 18:05	01/31/24 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*01/25/24 18:05*	*01/31/24 16:16*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/25/24 18:05*	*01/31/24 16:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/31/24 16:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/03/24 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	<49.6	U	49.6		mg/Kg		01/25/24 09:10	02/03/24 02:28	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/25/24 09:10	02/03/24 02:28	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/25/24 09:10	02/03/24 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*01/25/24 09:10*	*02/03/24 02:28*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*01/25/24 09:10*	*02/03/24 02:28*	*1*

Client Sample ID: CONFIRMAION BORING-1 10'

Lab Sample ID: 890-5998-32
Matrix: Solid
Date Collected: 01/18/24 08:55
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**6.55**		0.199		mg/Kg		01/25/24 18:05	01/31/24 18:26	100
Toluene	**41.8**		1.98		mg/Kg		01/29/24 13:34	02/01/24 11:55	1000
Ethylbenzene	**75.2**		1.98		mg/Kg		01/29/24 13:34	02/01/24 11:55	1000
m,p-Xylenes	**85.2**		3.97		mg/Kg		01/29/24 13:34	02/01/24 11:55	1000
o-Xylene	**42.2**		1.98		mg/Kg		01/29/24 13:34	02/01/24 11:55	1000
Xylenes, Total	**127**		3.97		mg/Kg		01/29/24 13:34	02/01/24 11:55	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*291*	*S1+*	*70 - 130*	*01/25/24 18:05*	*01/31/24 18:26*	*100*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*01/25/24 18:05*	*01/31/24 18:26*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**251**		3.97		mg/Kg			02/01/24 11:55	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-1 10'

Lab Sample ID: 890-5998-32
Matrix: Solid
Date Collected: 01/18/24 08:55
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15900		248		mg/Kg			02/03/24 03:54	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3740		248		mg/Kg		01/25/24 09:10	02/03/24 03:54	5
Diesel Range Organics (Over C10-C28)	10400		248		mg/Kg		01/25/24 09:10	02/03/24 03:54	5
Oil Range Organics (Over C28-C36)	1790		248		mg/Kg		01/25/24 09:10	02/03/24 03:54	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*132*	*S1+*	*70 - 130*	*01/25/24 09:10*	*02/03/24 03:54*	*5*
o-Terphenyl (Surr)	*90*		*70 - 130*	*01/25/24 09:10*	*02/03/24 03:54*	*5*

Client Sample ID: CONFIRMAION BORING-1 15'

Lab Sample ID: 890-5998-33
Matrix: Solid
Date Collected: 01/18/24 09:00
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	8.57		0.199		mg/Kg		01/25/24 18:05	01/31/24 18:51	100
Toluene	38.9		2.01		mg/Kg		01/29/24 13:34	02/01/24 12:16	1000
Ethylbenzene	67.3		2.01		mg/Kg		01/29/24 13:34	02/01/24 12:16	1000
m,p-Xylenes	64.2		4.02		mg/Kg		01/29/24 13:34	02/01/24 12:16	1000
o-Xylene	30.1		2.01		mg/Kg		01/29/24 13:34	02/01/24 12:16	1000
Xylenes, Total	94.3		4.02		mg/Kg		01/29/24 13:34	02/01/24 12:16	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*285*	*S1+*	*70 - 130*	*01/25/24 18:05*	*01/31/24 18:51*	*100*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*	*01/25/24 18:05*	*01/31/24 18:51*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	209		4.02		mg/Kg			02/01/24 12:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	11900		248		mg/Kg			02/03/24 04:15	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	2140		248		mg/Kg		01/25/24 09:10	02/03/24 04:15	5
Diesel Range Organics (Over C10-C28)	8410		248		mg/Kg		01/25/24 09:10	02/03/24 04:15	5
Oil Range Organics (Over C28-C36)	1390		248		mg/Kg		01/25/24 09:10	02/03/24 04:15	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*01/25/24 09:10*	*02/03/24 04:15*	*5*
o-Terphenyl (Surr)	*89*		*70 - 130*	*01/25/24 09:10*	*02/03/24 04:15*	*5*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-1 20'

Lab Sample ID: 890-5998-34
Matrix: Solid
Date Collected: 01/18/24 09:05
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.63		0.200		mg/Kg		01/25/24 18:05	01/31/24 19:17	100
Toluene	22.9		0.200		mg/Kg		01/25/24 18:05	01/31/24 19:17	100
Ethylbenzene	35.7	*+ *1	0.200		mg/Kg		01/25/24 18:05	01/31/24 19:17	100
m,p-Xylenes	31.7	*+ *1	0.399		mg/Kg		01/25/24 18:05	01/31/24 19:17	100
o-Xylene	19.9		0.200		mg/Kg		01/25/24 18:05	01/31/24 19:17	100
Xylenes, Total	51.6	*+ *1	0.399		mg/Kg		01/25/24 18:05	01/31/24 19:17	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*198*	*S1+*	*70 - 130*	*01/25/24 18:05*	*01/31/24 19:17*	*100*
1,4-Difluorobenzene (Surr)	*126*		*70 - 130*	*01/25/24 18:05*	*01/31/24 19:17*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	113		0.399		mg/Kg			01/31/24 19:17	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1500		50.1		mg/Kg			02/03/24 02:50	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	295		50.1		mg/Kg		01/25/24 09:10	02/03/24 02:50	1
Diesel Range Organics (Over C10-C28)	1060		50.1		mg/Kg		01/25/24 09:10	02/03/24 02:50	1
Oil Range Organics (Over C28-C36)	145		50.1		mg/Kg		01/25/24 09:10	02/03/24 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*01/25/24 09:10*	*02/03/24 02:50*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*01/25/24 09:10*	*02/03/24 02:50*	*1*

Client Sample ID: CONFIRMAION BORING-1 25'

Lab Sample ID: 890-5998-35
Matrix: Solid
Date Collected: 01/18/24 09:15
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	27.1		0.201		mg/Kg		01/25/24 18:05	01/31/24 19:42	100
Toluene	51.8		2.02		mg/Kg		01/29/24 13:34	02/01/24 12:36	1000
Ethylbenzene	58.1		2.02		mg/Kg		01/29/24 13:34	02/01/24 12:36	1000
m,p-Xylenes	59.7	*+ *1	0.402		mg/Kg		01/25/24 18:05	01/31/24 19:42	100
o-Xylene	25.7		0.201		mg/Kg		01/25/24 18:05	01/31/24 19:42	100
Xylenes, Total	85.4	*+ *1	0.402		mg/Kg		01/25/24 18:05	01/31/24 19:42	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*225*	*S1+*	*70 - 130*	*01/25/24 18:05*	*01/31/24 19:42*	*100*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/25/24 18:05*	*01/31/24 19:42*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	222		2.02		mg/Kg			02/01/24 12:36	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-1 25'

Lab Sample ID: 890-5998-35
Matrix: Solid
Date Collected: 01/18/24 09:15
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1630		50.5		mg/Kg			02/03/24 03:11	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	372		50.5		mg/Kg		01/25/24 09:10	02/03/24 03:11	1
Diesel Range Organics (Over C10-C28)	1100		50.5		mg/Kg		01/25/24 09:10	02/03/24 03:11	1
Oil Range Organics (Over C28-C36)	159		50.5		mg/Kg		01/25/24 09:10	02/03/24 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*01/25/24 09:10*	*02/03/24 03:11*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*01/25/24 09:10*	*02/03/24 03:11*	*1*

Client Sample ID: CONFIRMAION BORING-1 30'

Lab Sample ID: 890-5998-36
Matrix: Solid
Date Collected: 01/18/24 09:25
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	8.03		0.199		mg/Kg		01/25/24 18:05	01/31/24 20:08	100
Toluene	97.5		1.99		mg/Kg		01/29/24 13:34	02/01/24 12:57	1000
Ethylbenzene	81.6		1.99		mg/Kg		01/29/24 13:34	02/01/24 12:57	1000
m,p-Xylenes	73.9		3.98		mg/Kg		01/29/24 13:34	02/01/24 12:57	1000
o-Xylene	33.5		0.199		mg/Kg		01/25/24 18:05	01/31/24 20:08	100
Xylenes, Total	104		3.98		mg/Kg		01/29/24 13:34	02/01/24 12:57	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*254*	*S1+*	*70 - 130*	*01/25/24 18:05*	*01/31/24 20:08*	*100*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/25/24 18:05*	*01/31/24 20:08*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	295		3.98		mg/Kg			02/01/24 12:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6580		251		mg/Kg			02/03/24 05:21	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	1690		251		mg/Kg		01/25/24 09:10	02/03/24 05:21	5
Diesel Range Organics (Over C10-C28)	4140		251		mg/Kg		01/25/24 09:10	02/03/24 05:21	5
Oil Range Organics (Over C28-C36)	747		251		mg/Kg		01/25/24 09:10	02/03/24 05:21	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*01/25/24 09:10*	*02/03/24 05:21*	*5*
o-Terphenyl (Surr)	*87*		*70 - 130*	*01/25/24 09:10*	*02/03/24 05:21*	*5*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-1 40'

Lab Sample ID: 890-5998-37
Matrix: Solid
Date Collected: 01/18/24 09:35
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.13		0.199		mg/Kg		01/25/24 18:05	01/31/24 20:34	100
Toluene	119		1.98		mg/Kg		01/29/24 13:34	02/01/24 13:17	1000
Ethylbenzene	92.3		1.98		mg/Kg		01/29/24 13:34	02/01/24 13:17	1000
m,p-Xylenes	76.6	*+ *1	0.398		mg/Kg		01/25/24 18:05	01/31/24 20:34	100
o-Xylene	33.9		0.199		mg/Kg		01/25/24 18:05	01/31/24 20:34	100
Xylenes, Total	111	*+ *1	0.398		mg/Kg		01/25/24 18:05	01/31/24 20:34	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*226*	*S1+*	*70 - 130*	*01/25/24 18:05*	*01/31/24 20:34*	*100*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*01/25/24 18:05*	*01/31/24 20:34*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	328		1.98		mg/Kg			02/01/24 13:17	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7730		251		mg/Kg			02/03/24 05:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2140		251		mg/Kg		01/25/24 09:10	02/03/24 05:42	5
Diesel Range Organics (Over C10-C28)	4770		251		mg/Kg		01/25/24 09:10	02/03/24 05:42	5
Oil Range Organics (Over C28-C36)	817		251		mg/Kg		01/25/24 09:10	02/03/24 05:42	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*01/25/24 09:10*	*02/03/24 05:42*	*5*
o-Terphenyl (Surr)	*88*		*70 - 130*	*01/25/24 09:10*	*02/03/24 05:42*	*5*

Client Sample ID: CONFIRMAION BORING-1 50'

Lab Sample ID: 890-5998-38
Matrix: Solid
Date Collected: 01/18/24 09:45
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	19.0		0.200		mg/Kg		01/25/24 18:05	01/31/24 20:59	100
Toluene	194		2.00		mg/Kg		01/29/24 13:34	02/01/24 13:38	1000
Ethylbenzene	131		2.00		mg/Kg		01/29/24 13:34	02/01/24 13:38	1000
m,p-Xylenes	117		3.99		mg/Kg		01/29/24 13:34	02/01/24 13:38	1000
o-Xylene	49.1		2.00		mg/Kg		01/29/24 13:34	02/01/24 13:38	1000
Xylenes, Total	166		3.99		mg/Kg		01/29/24 13:34	02/01/24 13:38	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*408*	*S1+*	*70 - 130*	*01/25/24 18:05*	*01/31/24 20:59*	*100*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*01/25/24 18:05*	*01/31/24 20:59*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	510		3.99		mg/Kg			02/01/24 13:38	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-1 50'

Lab Sample ID: 890-5998-38
Matrix: Solid
Date Collected: 01/18/24 09:45
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	11100		249		mg/Kg			02/03/24 04:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3480		249		mg/Kg		01/25/24 09:10	02/03/24 04:36	5
Diesel Range Organics (Over C10-C28)	6480		249		mg/Kg		01/25/24 09:10	02/03/24 04:36	5
Oil Range Organics (Over C28-C36)	1110		249		mg/Kg		01/25/24 09:10	02/03/24 04:36	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*	*01/25/24 09:10*	*02/03/24 04:36*	*5*
o-Terphenyl (Surr)	*100*		*70 - 130*	*01/25/24 09:10*	*02/03/24 04:36*	*5*

Client Sample ID: CONFIRMAION BORING-1 60'

Lab Sample ID: 890-5998-39
Matrix: Solid
Date Collected: 01/18/24 10:00
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	8.50		0.201		mg/Kg		01/25/24 18:05	01/31/24 21:25	100
Toluene	114		2.02		mg/Kg		01/29/24 13:34	02/01/24 13:58	1000
Ethylbenzene	76.2		2.02		mg/Kg		01/29/24 13:34	02/01/24 13:58	1000
m,p-Xylenes	46.2	*+ *1	0.402		mg/Kg		01/25/24 18:05	01/31/24 21:25	100
o-Xylene	27.0		0.201		mg/Kg		01/25/24 18:05	01/31/24 21:25	100
Xylenes, Total	73.2	*+ *1	0.402		mg/Kg		01/25/24 18:05	01/31/24 21:25	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*164*	*S1+*	*70 - 130*	*01/25/24 18:05*	*01/31/24 21:25*	*100*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*01/25/24 18:05*	*01/31/24 21:25*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	272		2.02		mg/Kg			02/01/24 13:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4600		50.0		mg/Kg			02/03/24 03:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1130		50.0		mg/Kg		01/25/24 09:10	02/03/24 03:32	1
Diesel Range Organics (Over C10-C28)	3030		50.0		mg/Kg		01/25/24 09:10	02/03/24 03:32	1
Oil Range Organics (Over C28-C36)	440		50.0		mg/Kg		01/25/24 09:10	02/03/24 03:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*01/25/24 09:10*	*02/03/24 03:32*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*01/25/24 09:10*	*02/03/24 03:32*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-1 70'

Lab Sample ID: 890-5998-40
Matrix: Solid
Date Collected: 01/18/24 10:25
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	28.3		0.200		mg/Kg		01/25/24 18:05	01/31/24 21:50	100
Toluene	205		2.00		mg/Kg		01/29/24 13:34	02/01/24 14:19	1000
Ethylbenzene	119		2.00		mg/Kg		01/29/24 13:34	02/01/24 14:19	1000
m,p-Xylenes	108		3.99		mg/Kg		01/29/24 13:34	02/01/24 14:19	1000
o-Xylene	47.0		2.00		mg/Kg		01/29/24 13:34	02/01/24 14:19	1000
Xylenes, Total	155		3.99		mg/Kg		01/29/24 13:34	02/01/24 14:19	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*295*	*S1+*	*70 - 130*	*01/25/24 18:05*	*01/31/24 21:50*	*100*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*01/25/24 18:05*	*01/31/24 21:50*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	507		3.99		mg/Kg			02/01/24 14:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	9070		250		mg/Kg			02/03/24 04:59	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	2480		250		mg/Kg		01/25/24 09:10	02/03/24 04:59	5
Diesel Range Organics (Over C10-C28)	5630		250		mg/Kg		01/25/24 09:10	02/03/24 04:59	5
Oil Range Organics (Over C28-C36)	959		250		mg/Kg		01/25/24 09:10	02/03/24 04:59	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*01/25/24 09:10*	*02/03/24 04:59*	*5*
o-Terphenyl (Surr)	*87*		*70 - 130*	*01/25/24 09:10*	*02/03/24 04:59*	*5*

Client Sample ID: CONFIRMAION BORING-1 80'

Lab Sample ID: 890-5998-41
Matrix: Solid
Date Collected: 01/18/24 10:35
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0439		0.0402		mg/Kg		01/25/24 18:06	01/31/24 08:03	20
Toluene	3.18		0.0402		mg/Kg		01/25/24 18:06	01/31/24 08:03	20
Ethylbenzene	4.79		0.0402		mg/Kg		01/25/24 18:06	01/31/24 08:03	20
m,p-Xylenes	5.70		0.0803		mg/Kg		01/25/24 18:06	01/31/24 08:03	20
o-Xylene	2.16		0.0402		mg/Kg		01/25/24 18:06	01/31/24 08:03	20
Xylenes, Total	7.86		0.0803		mg/Kg		01/25/24 18:06	01/31/24 08:03	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/25/24 18:06*	*01/31/24 08:03*	*20*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*01/25/24 18:06*	*01/31/24 08:03*	*20*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	15.9		0.0803		mg/Kg			01/31/24 08:03	1

Eurofins Carlsbad

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-1 80'

Lab Sample ID: 890-5998-41
Matrix: Solid
Date Collected: 01/18/24 10:35
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2320**		49.9		mg/Kg			02/02/24 12:28	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	**170**		49.9		mg/Kg		01/25/24 09:13	02/02/24 12:28	1
Diesel Range Organics (Over C10-C28)	**1890**		49.9		mg/Kg		01/25/24 09:13	02/02/24 12:28	1
Oil Range Organics (Over C28-C36)	**260**		49.9		mg/Kg		01/25/24 09:13	02/02/24 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*01/25/24 09:13*	*02/02/24 12:28*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*01/25/24 09:13*	*02/02/24 12:28*	*1*

Client Sample ID: CONFIRMAION BORING-1 90'

Lab Sample ID: 890-5998-42
Matrix: Solid
Date Collected: 01/18/24 10:40
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 04:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 04:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 04:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/25/24 18:06	01/31/24 04:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 04:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/25/24 18:06	01/31/24 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*01/25/24 18:06*	*01/31/24 04:59*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/25/24 18:06*	*01/31/24 04:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/24 04:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**310**		50.5		mg/Kg			02/02/24 12:51	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/25/24 09:13	02/02/24 12:51	1
Diesel Range Organics (Over C10-C28)	**253**		50.5		mg/Kg		01/25/24 09:13	02/02/24 12:51	1
Oil Range Organics (Over C28-C36)	**56.8**		50.5		mg/Kg		01/25/24 09:13	02/02/24 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*01/25/24 09:13*	*02/02/24 12:51*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*01/25/24 09:13*	*02/02/24 12:51*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-1 100'

Lab Sample ID: 890-5998-43
Matrix: Solid
Date Collected: 01/18/24 10:50
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 07:43	1
Toluene	**0.00237**		0.00199		mg/Kg		01/25/24 18:06	01/31/24 07:43	1
Ethylbenzene	**0.00484**		0.00199		mg/Kg		01/25/24 18:06	01/31/24 07:43	1
m,p-Xylenes	**0.00626**		0.00398		mg/Kg		01/25/24 18:06	01/31/24 07:43	1
o-Xylene	**0.00368**		0.00199		mg/Kg		01/25/24 18:06	01/31/24 07:43	1
Xylenes, Total	**0.00994**		0.00398		mg/Kg		01/25/24 18:06	01/31/24 07:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*01/25/24 18:06*	*01/31/24 07:43*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/25/24 18:06*	*01/31/24 07:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0172**		0.00398		mg/Kg			01/31/24 07:43	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**376**		50.1		mg/Kg			02/02/24 13:12	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/25/24 09:13	02/02/24 13:12	1
Diesel Range Organics (Over C10-C28)	**325**		50.1		mg/Kg		01/25/24 09:13	02/02/24 13:12	1
Oil Range Organics (Over C28-C36)	**51.0**		50.1		mg/Kg		01/25/24 09:13	02/02/24 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*01/25/24 09:13*	*02/02/24 13:12*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*01/25/24 09:13*	*02/02/24 13:12*	*1*

Client Sample ID: NEW BORING-4 10'

Lab Sample ID: 890-5998-44
Matrix: Solid
Date Collected: 01/18/24 14:03
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 05:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 05:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 05:20	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/25/24 18:06	01/31/24 05:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 05:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/25/24 18:06	01/31/24 05:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/25/24 18:06*	*01/31/24 05:20*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/25/24 18:06*	*01/31/24 05:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/24 05:20	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-4 10'

Lab Sample ID: 890-5998-44
Matrix: Solid
Date Collected: 01/18/24 14:03
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/24 11:19	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	<49.8	U	49.8		mg/Kg		01/25/24 09:13	02/02/24 11:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/25/24 09:13	02/02/24 11:19	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/25/24 09:13	02/02/24 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*01/25/24 09:13*	*02/02/24 11:19*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*01/25/24 09:13*	*02/02/24 11:19*	*1*

Client Sample ID: NEW BORING-4 15'

Lab Sample ID: 890-5998-45
Matrix: Solid
Date Collected: 01/18/24 14:20
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:06	01/31/24 05:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:06	01/31/24 05:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:06	01/31/24 05:40	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/25/24 18:06	01/31/24 05:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:06	01/31/24 05:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/25/24 18:06	01/31/24 05:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*01/25/24 18:06*	*01/31/24 05:40*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/25/24 18:06*	*01/31/24 05:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/24 05:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/02/24 13:35	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	<49.6	U	49.6		mg/Kg		01/25/24 09:13	02/02/24 13:35	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/25/24 09:13	02/02/24 13:35	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/25/24 09:13	02/02/24 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*01/25/24 09:13*	*02/02/24 13:35*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*01/25/24 09:13*	*02/02/24 13:35*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-4 20'

Lab Sample ID: 890-5998-46
Matrix: Solid
Date Collected: 01/18/24 09:03
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 06:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 06:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 06:01	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/25/24 18:06	01/31/24 06:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 06:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/25/24 18:06	01/31/24 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*01/25/24 18:06*	*01/31/24 06:01*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/25/24 18:06*	*01/31/24 06:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/31/24 06:01	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/02/24 14:00	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	<50.2	U	50.2		mg/Kg		01/25/24 09:13	02/02/24 14:00	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/25/24 09:13	02/02/24 14:00	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/25/24 09:13	02/02/24 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*01/25/24 09:13*	*02/02/24 14:00*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*01/25/24 09:13*	*02/02/24 14:00*	*1*

Client Sample ID: NEW BORING-4 25'

Lab Sample ID: 890-5998-47
Matrix: Solid
Date Collected: 01/18/24 09:06
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 06:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 06:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 06:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/25/24 18:06	01/31/24 06:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 06:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/25/24 18:06	01/31/24 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/25/24 18:06*	*01/31/24 06:21*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/25/24 18:06*	*01/31/24 06:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/24 06:21	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-4 25'

Lab Sample ID: 890-5998-47
Matrix: Solid
Date Collected: 01/18/24 09:06
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/02/24 14:21	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	<50.5	U	50.5		mg/Kg		01/25/24 09:13	02/02/24 14:21	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/25/24 09:13	02/02/24 14:21	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/25/24 09:13	02/02/24 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*01/25/24 09:13*	*02/02/24 14:21*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*01/25/24 09:13*	*02/02/24 14:21*	*1*

Client Sample ID: NEW BORING-4 30'

Lab Sample ID: 890-5998-48
Matrix: Solid
Date Collected: 01/18/24 09:13
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 06:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 06:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 06:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/25/24 18:06	01/31/24 06:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/25/24 18:06	01/31/24 06:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/25/24 18:06	01/31/24 06:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*01/25/24 18:06*	*01/31/24 06:41*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/25/24 18:06*	*01/31/24 06:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/24 06:41	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/02/24 14:43	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	<50.2	U	50.2		mg/Kg		01/25/24 09:13	02/02/24 14:43	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/25/24 09:13	02/02/24 14:43	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/25/24 09:13	02/02/24 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*01/25/24 09:13*	*02/02/24 14:43*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*01/25/24 09:13*	*02/02/24 14:43*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-4 40'

Lab Sample ID: 890-5998-49
Matrix: Solid
Date Collected: 01/18/24 09:20
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 07:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 07:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 07:02	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/25/24 18:06	01/31/24 07:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 07:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/25/24 18:06	01/31/24 07:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*01/25/24 18:06*	*01/31/24 07:02*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/25/24 18:06*	*01/31/24 07:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/24 07:02	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/02/24 15:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/25/24 09:13	02/02/24 15:06	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/25/24 09:13	02/02/24 15:06	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/25/24 09:13	02/02/24 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*01/25/24 09:13*	*02/02/24 15:06*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*01/25/24 09:13*	*02/02/24 15:06*	*1*

Client Sample ID: NEW BORING-4 50'

Lab Sample ID: 890-5998-50
Matrix: Solid
Date Collected: 01/18/24 09:30
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:06	01/31/24 07:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:06	01/31/24 07:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:06	01/31/24 07:22	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/25/24 18:06	01/31/24 07:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/25/24 18:06	01/31/24 07:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/25/24 18:06	01/31/24 07:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*01/25/24 18:06*	*01/31/24 07:22*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/25/24 18:06*	*01/31/24 07:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/24 07:22	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-4 50'

Lab Sample ID: 890-5998-50
Matrix: Solid
Date Collected: 01/18/24 09:30
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/24 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	<49.9	U	49.9		mg/Kg		01/25/24 09:13	02/02/24 15:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/25/24 09:13	02/02/24 15:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/25/24 09:13	02/02/24 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*01/25/24 09:13*	*02/02/24 15:28*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*01/25/24 09:13*	*02/02/24 15:28*	*1*

Client Sample ID: NEW BORING-1 10'

Lab Sample ID: 890-5998-51
Matrix: Solid
Date Collected: 01/18/24 09:42
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	01/31/24 22:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	01/31/24 22:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	01/31/24 22:10	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/31/24 10:35	01/31/24 22:10	1
o-Xylene	**0.00255**		0.00199		mg/Kg		01/31/24 10:35	01/31/24 22:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/24 10:35	01/31/24 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/31/24 10:35*	*01/31/24 22:10*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*01/31/24 10:35*	*01/31/24 22:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/24 22:10	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**257**		49.8		mg/Kg			02/02/24 16:13	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	<49.8	U	49.8		mg/Kg		01/25/24 09:13	02/02/24 16:13	1
Diesel Range Organics (Over C10-C28)	**257**		49.8		mg/Kg		01/25/24 09:13	02/02/24 16:13	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/25/24 09:13	02/02/24 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*01/25/24 09:13*	*02/02/24 16:13*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*01/25/24 09:13*	*02/02/24 16:13*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-1 15'

Lab Sample ID: 890-5998-52
Matrix: Solid
Date Collected: 01/18/24 10:00
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/31/24 10:35	01/31/24 22:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/31/24 10:35	01/31/24 22:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/31/24 10:35	01/31/24 22:30	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		01/31/24 10:35	01/31/24 22:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/31/24 10:35	01/31/24 22:30	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/31/24 10:35	01/31/24 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*01/31/24 10:35*	*01/31/24 22:30*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*01/31/24 10:35*	*01/31/24 22:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/31/24 22:30	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**174**		50.0		mg/Kg			02/02/24 16:37	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	<50.0	U	50.0		mg/Kg		01/25/24 09:13	02/02/24 16:37	1
Diesel Range Organics (Over C10-C28)	**174**		50.0		mg/Kg		01/25/24 09:13	02/02/24 16:37	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/25/24 09:13	02/02/24 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*01/25/24 09:13*	*02/02/24 16:37*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*01/25/24 09:13*	*02/02/24 16:37*	*1*

Client Sample ID: NEW BORING-1 20'

Lab Sample ID: 890-5998-53
Matrix: Solid
Date Collected: 01/18/24 10:19
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	01/31/24 22:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	01/31/24 22:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	01/31/24 22:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/31/24 10:35	01/31/24 22:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	01/31/24 22:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/24 10:35	01/31/24 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/31/24 10:35*	*01/31/24 22:51*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/31/24 10:35*	*01/31/24 22:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/24 22:51	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-1 20'

Lab Sample ID: 890-5998-53
Matrix: Solid
Date Collected: 01/18/24 10:19
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/02/24 17:00	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	<50.1	U	50.1		mg/Kg		01/25/24 09:13	02/02/24 17:00	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/25/24 09:13	02/02/24 17:00	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/25/24 09:13	02/02/24 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*01/25/24 09:13*	*02/02/24 17:00*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*01/25/24 09:13*	*02/02/24 17:00*	*1*

Client Sample ID: NEW BORING-1 25'

Lab Sample ID: 890-5998-54
Matrix: Solid
Date Collected: 01/18/24 10:23
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/31/24 10:35	01/31/24 23:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/31/24 10:35	01/31/24 23:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/31/24 10:35	01/31/24 23:11	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/31/24 10:35	01/31/24 23:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/31/24 10:35	01/31/24 23:11	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/31/24 10:35	01/31/24 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*01/31/24 10:35*	*01/31/24 23:11*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/31/24 10:35*	*01/31/24 23:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/31/24 23:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/02/24 17:24	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/25/24 09:13	02/02/24 17:24	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/25/24 09:13	02/02/24 17:24	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/25/24 09:13	02/02/24 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*01/25/24 09:13*	*02/02/24 17:24*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*01/25/24 09:13*	*02/02/24 17:24*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-1 30'

Lab Sample ID: 890-5998-55
Matrix: Solid
Date Collected: 01/18/24 10:30
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/31/24 10:35	01/31/24 23:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/31/24 10:35	01/31/24 23:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/24 10:35	01/31/24 23:32	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/31/24 10:35	01/31/24 23:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/24 10:35	01/31/24 23:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/24 10:35	01/31/24 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/31/24 10:35*	*01/31/24 23:32*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*01/31/24 10:35*	*01/31/24 23:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/24 23:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/02/24 17:47	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	<50.5	U	50.5		mg/Kg		01/25/24 09:13	02/02/24 17:47	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/25/24 09:13	02/02/24 17:47	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/25/24 09:13	02/02/24 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*01/25/24 09:13*	*02/02/24 17:47*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*01/25/24 09:13*	*02/02/24 17:47*	*1*

Client Sample ID: NEW BORING-1 40'

Lab Sample ID: 890-5998-56
Matrix: Solid
Date Collected: 01/18/24 10:45
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/31/24 10:35	01/31/24 23:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/31/24 10:35	01/31/24 23:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/31/24 10:35	01/31/24 23:52	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		01/31/24 10:35	01/31/24 23:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/31/24 10:35	01/31/24 23:52	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/31/24 10:35	01/31/24 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/31/24 10:35*	*01/31/24 23:52*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*01/31/24 10:35*	*01/31/24 23:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/31/24 23:52	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-1 40'

Lab Sample ID: 890-5998-56
Matrix: Solid
Date Collected: 01/18/24 10:45
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/24 18:09	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	<49.8	U	49.8		mg/Kg		01/25/24 09:13	02/02/24 18:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/25/24 09:13	02/02/24 18:09	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/25/24 09:13	02/02/24 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*01/25/24 09:13*	*02/02/24 18:09*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*01/25/24 09:13*	*02/02/24 18:09*	*1*

Client Sample ID: NEW BORING-1 50'

Lab Sample ID: 890-5998-57
Matrix: Solid
Date Collected: 01/18/24 10:55
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	02/01/24 00:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	02/01/24 00:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	02/01/24 00:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/31/24 10:35	02/01/24 00:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	02/01/24 00:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/24 10:35	02/01/24 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*01/31/24 10:35*	*02/01/24 00:12*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/31/24 10:35*	*02/01/24 00:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/01/24 00:12	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/24 18:32	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	<50.0	U	50.0		mg/Kg		01/25/24 09:13	02/02/24 18:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/25/24 09:13	02/02/24 18:32	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/25/24 09:13	02/02/24 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*01/25/24 09:13*	*02/02/24 18:32*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*01/25/24 09:13*	*02/02/24 18:32*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-2 10'

Lab Sample ID: 890-5998-58
Matrix: Solid
Date Collected: 01/18/24 11:07
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	02/01/24 00:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	02/01/24 00:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	02/01/24 00:33	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/31/24 10:35	02/01/24 00:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/24 10:35	02/01/24 00:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/24 10:35	02/01/24 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/31/24 10:35*	*02/01/24 00:33*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/31/24 10:35*	*02/01/24 00:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/01/24 00:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			02/02/24 18:54	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	<49.5	U	49.5		mg/Kg		01/25/24 09:13	02/02/24 18:54	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		01/25/24 09:13	02/02/24 18:54	1
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		01/25/24 09:13	02/02/24 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*01/25/24 09:13*	*02/02/24 18:54*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*01/25/24 09:13*	*02/02/24 18:54*	*1*

Client Sample ID: NEW BORING-2 15'

Lab Sample ID: 890-5998-59
Matrix: Solid
Date Collected: 01/18/24 11:22
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/24 10:35	02/01/24 00:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/24 10:35	02/01/24 00:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/24 10:35	02/01/24 00:53	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/31/24 10:35	02/01/24 00:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/24 10:35	02/01/24 00:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/24 10:35	02/01/24 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*01/31/24 10:35*	*02/01/24 00:53*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/31/24 10:35*	*02/01/24 00:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/01/24 00:53	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-2 15'

Lab Sample ID: 890-5998-59
Matrix: Solid
Date Collected: 01/18/24 11:22
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			02/02/24 19:16	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	<49.5	U	49.5		mg/Kg		01/25/24 09:13	02/02/24 19:16	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		01/25/24 09:13	02/02/24 19:16	1
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		01/25/24 09:13	02/02/24 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*01/25/24 09:13*	*02/02/24 19:16*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*01/25/24 09:13*	*02/02/24 19:16*	*1*

Client Sample ID: NEW BORING-2 20'

Lab Sample ID: 890-5998-60
Matrix: Solid
Date Collected: 01/18/24 11:23
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/24 10:35	02/01/24 01:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/24 10:35	02/01/24 01:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/24 10:35	02/01/24 01:14	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/31/24 10:35	02/01/24 01:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/24 10:35	02/01/24 01:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/31/24 10:35	02/01/24 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/31/24 10:35*	*02/01/24 01:14*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/31/24 10:35*	*02/01/24 01:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/01/24 01:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/02/24 19:38	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	<50.2	U	50.2		mg/Kg		01/25/24 09:13	02/02/24 19:38	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/25/24 09:13	02/02/24 19:38	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/25/24 09:13	02/02/24 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*01/25/24 09:13*	*02/02/24 19:38*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*01/25/24 09:13*	*02/02/24 19:38*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-2 25'

Lab Sample ID: 890-5998-61
Matrix: Solid
Date Collected: 01/18/24 11:24
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/29/24 03:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/29/24 03:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/29/24 03:48	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/26/24 11:23	01/29/24 03:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/29/24 03:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/26/24 11:23	01/29/24 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/26/24 11:23*	*01/29/24 03:48*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*01/26/24 11:23*	*01/29/24 03:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/29/24 03:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/01/24 10:35	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	<50.3	U	50.3		mg/Kg		01/25/24 09:18	02/01/24 10:35	1
Diesel Range Organics (Over C10-C28)	<50.3	U F1	50.3		mg/Kg		01/25/24 09:18	02/01/24 10:35	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/25/24 09:18	02/01/24 10:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*170*	*S1+*	*70 - 130*	*01/25/24 09:18*	*02/01/24 10:35*	*1*
o-Terphenyl (Surr)	*141*	*S1+*	*70 - 130*	*01/25/24 09:18*	*02/01/24 10:35*	*1*

Client Sample ID: NEW BORING-2 30'

Lab Sample ID: 890-5998-62
Matrix: Solid
Date Collected: 01/18/24 11:25
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/26/24 11:23	01/29/24 04:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/26/24 11:23	01/29/24 04:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/26/24 11:23	01/29/24 04:09	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/26/24 11:23	01/29/24 04:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/26/24 11:23	01/29/24 04:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/26/24 11:23	01/29/24 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*01/26/24 11:23*	*01/29/24 04:09*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*01/26/24 11:23*	*01/29/24 04:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/29/24 04:09	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-2 30'

Lab Sample ID: 890-5998-62
Matrix: Solid
Date Collected: 01/18/24 11:25
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/24 11:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/25/24 09:18	02/01/24 11:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/25/24 09:18	02/01/24 11:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/25/24 09:18	02/01/24 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*152*	*S1+*	*70 - 130*	*01/25/24 09:18*	*02/01/24 11:39*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*01/25/24 09:18*	*02/01/24 11:39*	*1*

Client Sample ID: NEW BORING-2 40'

Lab Sample ID: 890-5998-63
Matrix: Solid
Date Collected: 01/18/24 11:26
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 04:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 04:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 04:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/26/24 11:23	01/29/24 04:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 04:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/24 11:23	01/29/24 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/26/24 11:23*	*01/29/24 04:29*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*01/26/24 11:23*	*01/29/24 04:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/29/24 04:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/01/24 12:00	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	<49.7	U	49.7		mg/Kg		01/25/24 09:18	02/01/24 12:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/25/24 09:18	02/01/24 12:00	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/25/24 09:18	02/01/24 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*163*	*S1+*	*70 - 130*	*01/25/24 09:18*	*02/01/24 12:00*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*01/25/24 09:18*	*02/01/24 12:00*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-2 50'

Lab Sample ID: 890-5998-64
Matrix: Solid
Date Collected: 01/18/24 11:27
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 04:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 04:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 04:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/26/24 11:23	01/29/24 04:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 04:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/24 11:23	01/29/24 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/26/24 11:23*	*01/29/24 04:50*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*01/26/24 11:23*	*01/29/24 04:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/29/24 04:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/24 12:22	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	<49.9	U	49.9		mg/Kg		01/25/24 09:18	02/01/24 12:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/25/24 09:18	02/01/24 12:22	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/25/24 09:18	02/01/24 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*165*	*S1+*	*70 - 130*	*01/25/24 09:18*	*02/01/24 12:22*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*01/25/24 09:18*	*02/01/24 12:22*	*1*

Client Sample ID: TB-01-19-2024-01

Lab Sample ID: 890-5998-65
Matrix: Water
Date Collected: 01/18/24 12:00
Date Received: 01/19/24 14:17

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			01/30/24 05:33	1
Toluene	<0.00200	U	0.00200		mg/L			01/30/24 05:33	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/L			01/30/24 05:33	1
m,p-Xylenes	<0.00400	U F1 F2	0.00400		mg/L			01/30/24 05:33	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/L			01/30/24 05:33	1
Xylenes, Total	<0.00400	U F1 F2	0.00400		mg/L			01/30/24 05:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*01/30/24 05:33*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*		*01/30/24 05:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/L			01/30/24 05:33	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: TB-01-19-2024-02

Date Collected: 01/18/24 12:05
Date Received: 01/19/24 14:17

Lab Sample ID: 890-5998-66

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			01/30/24 05:54	1
Toluene	<0.00200	U	0.00200		mg/L			01/30/24 05:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			01/30/24 05:54	1
m,p-Xylenes	<0.00400	U	0.00400		mg/L			01/30/24 05:54	1
o-Xylene	<0.00200	U	0.00200		mg/L			01/30/24 05:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			01/30/24 05:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*01/30/24 05:54*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*		*01/30/24 05:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/L			01/30/24 05:54	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-38205-A-4-D MS	Matrix Spike	110	93
880-38205-A-4-E MSD	Matrix Spike Duplicate	111	97
880-38301-A-1-B MS	Matrix Spike	115	107
880-38301-A-1-C MSD	Matrix Spike Duplicate	91	77
880-38339-A-101-C MS	Matrix Spike	116	99
880-38339-A-101-D MSD	Matrix Spike Duplicate	118	104
880-38523-A-1-A MS	Matrix Spike	109	106
880-38523-A-1-B MSD	Matrix Spike Duplicate	108	99
880-38705-A-1-A MS	Matrix Spike	111	99
880-38705-A-1-B MSD	Matrix Spike Duplicate	104	95
890-5998-1	CONFIRMAION BORING-2 10'	75	69 S1-
890-5998-1 MS	CONFIRMAION BORING-2 10'	100	68 S1-
890-5998-1 MSD	CONFIRMAION BORING-2 10'	90	69 S1-
890-5998-2	CONFIRMAION BORING-2 15'	75	58 S1-
890-5998-3	CONFIRMAION BORING-2 20'	96	68 S1-
890-5998-4	CONFIRMAION BORING-2 25'	79	58 S1-
890-5998-5	CONFIRMAION BORING-2 30'	126	77
890-5998-6	CONFIRMAION BORING-2 35'	72	88
890-5998-7	CONFIRMAION BORING-2 40'	80	62 S1-
890-5998-8	CONFIRMAION BORING-2 45'	81	62 S1-
890-5998-9	CONFIRMAION BORING-2 50'	102	69 S1-
890-5998-10	CONFIRMAION BORING-2 60'	96	64 S1-
890-5998-11	CONFIRMAION BORING-2 70'	71	55 S1-
890-5998-12	CONFIRMAION BORING-2 80'	76	91
890-5998-13	CONFIRMAION BORING-2 90'	69 S1-	95
890-5998-14	CONFIRMAION BORING-2 100'	110	84
890-5998-15	CONFIRMAION BORING-3 10'	115	83
890-5998-16	CONFIRMAION BORING-3 15'	78	60 S1-
890-5998-17	CONFIRMAION BORING-3 20'	113	76
890-5998-18	CONFIRMAION BORING-3 25'	178 S1+	88
890-5998-19	CONFIRMAION BORING-3 30'	74	74
890-5998-20	CONFIRMAION BORING-3 40'	96	67 S1-
890-5998-21	CONFIRMAION BORING-3 50'	126	110
890-5998-21 MS	CONFIRMAION BORING-3 50'	91	72
890-5998-21 MSD	CONFIRMAION BORING-3 50'	84	90
890-5998-22	CONFIRMAION BORING-3 60'	117	128
890-5998-23	CONFIRMAION BORING-4 10'	120	137 S1+
890-5998-24	CONFIRMAION BORING-4 15'	127	117
890-5998-25	CONFIRMAION BORING-4 20'	113	61 S1-
890-5998-26	CONFIRMAION BORING-4 25'	100	88
890-5998-27	CONFIRMAION BORING-4 30'	100	114
890-5998-28	CONFIRMAION BORING-4 40'	105	85
890-5998-29	CONFIRMAION BORING-4 50'	105	71
890-5998-30	CONFIRMAION BORING-4 60'	48 S1-	97
890-5998-31	CONFIRMAION BORING-4 70'	120	100
890-5998-32	CONFIRMAION BORING-1 10'	291 S1+	83
890-5998-33	CONFIRMAION BORING-1 15'	285 S1+	124
890-5998-34	CONFIRMAION BORING-1 20'	198 S1+	126
890-5998-35	CONFIRMAION BORING-1 25'	225 S1+	105

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 890-5998-1
Project/Site: COP BKU SDG: 568435

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-5998-36	CONFIRMAION BORING-1 30'	254 S1+	90
890-5998-37	CONFIRMAION BORING-1 40'	226 S1+	79
890-5998-38	CONFIRMAION BORING-1 50'	408 S1+	75
890-5998-39	CONFIRMAION BORING-1 60'	164 S1+	81
890-5998-40	CONFIRMAION BORING-1 70'	295 S1+	84
890-5998-41	CONFIRMAION BORING-1 80'	100	74
890-5998-42	CONFIRMAION BORING-1 90'	95	93
890-5998-42 MS	CONFIRMAION BORING-1 90'	106	86
890-5998-42 MSD	CONFIRMAION BORING-1 90'	114	89
890-5998-43	CONFIRMAION BORING-1 100'	110	89
890-5998-44	NEW BORING-4 10'	100	103
890-5998-45	NEW BORING-4 15'	112	104
890-5998-46	NEW BORING-4 20'	110	98
890-5998-47	NEW BORING-4 25'	111	100
890-5998-48	NEW BORING-4 30'	113	106
890-5998-49	NEW BORING-4 40'	122	105
890-5998-50	NEW BORING-4 50'	124	106
890-5998-51	NEW BORING-1 10'	101	95
890-5998-52	NEW BORING-1 15'	98	95
890-5998-53	NEW BORING-1 20'	101	89
890-5998-54	NEW BORING-1 25'	105	93
890-5998-55	NEW BORING-1 30'	101	91
890-5998-56	NEW BORING-1 40'	111	91
890-5998-57	NEW BORING-1 50'	109	96
890-5998-58	NEW BORING-2 10'	111	97
890-5998-59	NEW BORING-2 15'	119	101
890-5998-60	NEW BORING-2 20'	114	103
890-5998-61	NEW BORING-2 25'	102	73
890-5998-62	NEW BORING-2 30'	81	78
890-5998-63	NEW BORING-2 40'	111	71
890-5998-64	NEW BORING-2 50'	93	72
LCS 880-71636/1-A	Lab Control Sample	105	106
LCS 880-71638/1-A	Lab Control Sample	99	73
LCS 880-71639/1-A	Lab Control Sample	110	94
LCS 880-71690/1-A	Lab Control Sample	101	96
LCS 880-71692/1-A	Lab Control Sample	112	102
LCS 880-71830/1-A	Lab Control Sample	119	101
LCS 880-72014/1-A	Lab Control Sample	105	95
LCS 880-72049/1-A	Lab Control Sample	99	96
LCSD 880-71636/2-A	Lab Control Sample Dup	99	98
LCSD 880-71638/2-A	Lab Control Sample Dup	127	123
LCSD 880-71639/2-A	Lab Control Sample Dup	107	90
LCSD 880-71690/2-A	Lab Control Sample Dup	107	99
LCSD 880-71692/2-A	Lab Control Sample Dup	104	94
LCSD 880-71830/2-A	Lab Control Sample Dup	118	103
LCSD 880-72014/2-A	Lab Control Sample Dup	101	95
LCSD 880-72049/2-A	Lab Control Sample Dup	102	101
MB 880-71636/5-A	Method Blank	120	110
MB 880-71638/5-A	Method Blank	62 S1-	90
MB 880-71639/5-A	Method Blank	132 S1+	114

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 890-5998-1
Project/Site: COP BKU SDG: 568435

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
MB 880-71690/5-A	Method Blank	76	79
MB 880-71692/5-A	Method Blank	79	79
MB 880-71830/5-A	Method Blank	72	86
MB 880-72014/5-A	Method Blank	116	115
MB 880-72049/5-A	Method Blank	123	112

Surrogate Legend

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

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-5998-65	TB-01-19-2024-01	90	98
890-5998-65 MS	TB-01-19-2024-01	40 S1-	127
890-5998-65 MSD	TB-01-19-2024-01	106	92
890-5998-66	TB-01-19-2024-02	98	108
LCS 880-71848/34	Lab Control Sample	109	92
LCSD 880-71848/35	Lab Control Sample Dup	105	97
MB 880-71786/5-A	Method Blank	137 S1+	122
MB 880-71848/39	Method Blank	140 S1+	128

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**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-5998-1	CONFIRMAION BORING-2 10'	165 S1+	110
890-5998-2	CONFIRMAION BORING-2 15'	169 S1+	106
890-5998-3	CONFIRMAION BORING-2 20'	155 S1+	99
890-5998-4	CONFIRMAION BORING-2 25'	157 S1+	100
890-5998-5	CONFIRMAION BORING-2 30'	158 S1+	111
890-5998-6	CONFIRMAION BORING-2 35'	190 S1+	110
890-5998-7	CONFIRMAION BORING-2 40'	158 S1+	105
890-5998-8	CONFIRMAION BORING-2 45'	163 S1+	102
890-5998-9	CONFIRMAION BORING-2 50'	162 S1+	100
890-5998-10	CONFIRMAION BORING-2 60'	154 S1+	104
890-5998-11	CONFIRMAION BORING-2 70'	159 S1+	112
890-5998-12	CONFIRMAION BORING-2 80'	163 S1+	121
890-5998-13	CONFIRMAION BORING-2 90'	148 S1+	110
890-5998-13 MS	CONFIRMAION BORING-2 90'	157 S1+	115
890-5998-13 MSD	CONFIRMAION BORING-2 90'	155 S1+	105
890-5998-14	CONFIRMAION BORING-2 100'	154 S1+	120
890-5998-15	CONFIRMAION BORING-3 10'	175 S1+	119

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 890-5998-1
Project/Site: COP BKU SDG: 568435

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-5998-16	CONFIRMAION BORING-3 15'	191 S1+	106								
890-5998-17	CONFIRMAION BORING-3 20'	151 S1+	107								
890-5998-18	CONFIRMAION BORING-3 25'	191 S1+	119								
890-5998-19	CONFIRMAION BORING-3 30'	169 S1+	113								
890-5998-20	CONFIRMAION BORING-3 40'	169 S1+	104								
890-5998-21	CONFIRMAION BORING-3 50'	96	102								
890-5998-22	CONFIRMAION BORING-3 60'	87	85								
890-5998-22 MS	CONFIRMAION BORING-3 60'	103	93								
890-5998-22 MSD	CONFIRMAION BORING-3 60'	103	95								
890-5998-23	CONFIRMAION BORING-4 10'	99	105								
890-5998-24	CONFIRMAION BORING-4 15'	104	110								
890-5998-25	CONFIRMAION BORING-4 20'	98	104								
890-5998-26	CONFIRMAION BORING-4 25'	100	107								
890-5998-27	CONFIRMAION BORING-4 30'	90	89								
890-5998-28	CONFIRMAION BORING-4 40'	91	93								
890-5998-29	CONFIRMAION BORING-4 50'	108	112								
890-5998-30	CONFIRMAION BORING-4 60'	89	90								
890-5998-31	CONFIRMAION BORING-4 70'	93	97								
890-5998-32	CONFIRMAION BORING-1 10'	132 S1+	90								
890-5998-33	CONFIRMAION BORING-1 15'	119	89								
890-5998-34	CONFIRMAION BORING-1 20'	91	83								
890-5998-35	CONFIRMAION BORING-1 25'	98	90								
890-5998-36	CONFIRMAION BORING-1 30'	105	87								
890-5998-37	CONFIRMAION BORING-1 40'	113	88								
890-5998-38	CONFIRMAION BORING-1 50'	131 S1+	100								
890-5998-39	CONFIRMAION BORING-1 60'	119	98								
890-5998-40	CONFIRMAION BORING-1 70'	118	87								
890-5998-41	CONFIRMAION BORING-1 80'	91	77								
890-5998-42	CONFIRMAION BORING-1 90'	90	87								
890-5998-43	CONFIRMAION BORING-1 100'	92	91								
890-5998-44	NEW BORING-4 10'	89	91								
890-5998-44 MS	NEW BORING-4 10'	90	81								
890-5998-44 MSD	NEW BORING-4 10'	92	84								
890-5998-45	NEW BORING-4 15'	99	101								
890-5998-46	NEW BORING-4 20'	96	97								
890-5998-47	NEW BORING-4 25'	97	99								
890-5998-48	NEW BORING-4 30'	86	86								
890-5998-49	NEW BORING-4 40'	105	110								
890-5998-50	NEW BORING-4 50'	89	89								
890-5998-51	NEW BORING-1 10'	101	102								
890-5998-52	NEW BORING-1 15'	81	81								
890-5998-53	NEW BORING-1 20'	95	97								
890-5998-54	NEW BORING-1 25'	99	102								
890-5998-55	NEW BORING-1 30'	92	93								
890-5998-56	NEW BORING-1 40'	79	81								
890-5998-57	NEW BORING-1 50'	102	105								
890-5998-58	NEW BORING-2 10'	100	106								
890-5998-59	NEW BORING-2 15'	94	99								
890-5998-60	NEW BORING-2 20'	102	106								
890-5998-61	NEW BORING-2 25'	170 S1+	141 S1+								

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 890-5998-1
Project/Site: COP BKU SDG: 568435

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-5998-61 MS	NEW BORING-2 25'	147 S1+	108								
890-5998-61 MSD	NEW BORING-2 25'	150 S1+	105								
890-5998-62	NEW BORING-2 30'	152 S1+	124								
890-5998-63	NEW BORING-2 40'	163 S1+	132 S1+								
890-5998-64	NEW BORING-2 50'	165 S1+	132 S1+								
LCS 880-71565/2-A	Lab Control Sample	107	101								
LCS 880-71566/2-A	Lab Control Sample	86	103								
LCS 880-71568/2-A	Lab Control Sample	86	103								
LCS 880-71569/2-A	Lab Control Sample	117	99								
LCSD 880-71565/3-A	Lab Control Sample Dup	122	114								
LCSD 880-71566/3-A	Lab Control Sample Dup	102	110								
LCSD 880-71568/3-A	Lab Control Sample Dup	100	115								
LCSD 880-71569/3-A	Lab Control Sample Dup	118	110								
MB 880-71565/1-A	Method Blank	178 S1+	149 S1+								
MB 880-71566/1-A	Method Blank	100	103								
MB 880-71568/1-A - RA2	Method Blank	101	103								
MB 880-71569/1-A	Method Blank	159 S1+	124								

Surrogate Legend

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

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-71636/5-A
Matrix: Solid
Analysis Batch: 71951

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71636

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:04	01/30/24 16:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:04	01/30/24 16:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:04	01/30/24 16:45	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/25/24 18:04	01/30/24 16:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:04	01/30/24 16:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/25/24 18:04	01/30/24 16:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*01/25/24 18:04*	*01/30/24 16:45*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*01/25/24 18:04*	*01/30/24 16:45*	*1*

Lab Sample ID: LCS 880-71636/1-A
Matrix: Solid
Analysis Batch: 71951

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71636

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1095		mg/Kg		109	70 - 130		
Toluene			0.100	0.09668		mg/Kg		97	70 - 130		
Ethylbenzene			0.100	0.1131		mg/Kg		113	70 - 130		
m,p-Xylenes			0.200	0.2192		mg/Kg		110	70 - 130		
o-Xylene			0.100	0.1065		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-71636/2-A
Matrix: Solid
Analysis Batch: 71951

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71636

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1006		mg/Kg		101	70 - 130	8	35
Toluene			0.100	0.09621		mg/Kg		96	70 - 130	0	35
Ethylbenzene			0.100	0.09101		mg/Kg		91	70 - 130	22	35
m,p-Xylenes			0.200	0.1756		mg/Kg		88	70 - 130	22	35
o-Xylene			0.100	0.09747		mg/Kg		97	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 890-5998-1 MS
Matrix: Solid
Analysis Batch: 71951

Client Sample ID: CONFIRMAION BORING-2 10'
Prep Type: Total/NA
Prep Batch: 71636

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.152	F1	0.0996	2.651	F1	mg/Kg		2510	70 - 130		
Toluene	2.81		0.0996	8.859	4	mg/Kg		6076	70 - 130		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: 890-5998-1 MS
Matrix: Solid
Analysis Batch: 71951

Client Sample ID: CONFIRMAION BORING-2 10'
Prep Type: Total/NA
Prep Batch: 71636

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	10.1		0.0996	23.32	E 4	mg/Kg		13290	70 - 130
m,p-Xylenes	10.9		0.199	31.22	4	mg/Kg		10222	70 - 130
o-Xylene	2.48		0.0996	9.584	4	mg/Kg		7130	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*

Lab Sample ID: 890-5998-1 MSD
Matrix: Solid
Analysis Batch: 71951

Client Sample ID: CONFIRMAION BORING-2 10'
Prep Type: Total/NA
Prep Batch: 71636

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.152	F1	0.0990	2.707	F1	mg/Kg		2581	70 - 130	2	35
Toluene	2.81		0.0990	9.049	4	mg/Kg		6305	70 - 130	2	35
Ethylbenzene	10.1		0.0990	21.91	E 4	mg/Kg		11946	70 - 130	6	35
m,p-Xylenes	10.9		0.198	29.95	4	mg/Kg		9642	70 - 130	4	35
o-Xylene	2.48		0.0990	7.645	4	mg/Kg		5215	70 - 130	23	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-71638/5-A
Matrix: Solid
Analysis Batch: 71999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71638

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 11:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 11:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 11:56	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/25/24 18:05	01/31/24 11:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:05	01/31/24 11:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/25/24 18:05	01/31/24 11:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*62*	*S1-*	*70 - 130*	*01/25/24 18:05*	*01/31/24 11:56*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/25/24 18:05*	*01/31/24 11:56*	*1*

Lab Sample ID: LCS 880-71638/1-A
Matrix: Solid
Analysis Batch: 71999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71638

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07669		mg/Kg		77	70 - 130
Toluene	0.100	0.08462		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.08683		mg/Kg		87	70 - 130
m,p-Xylenes	0.200	0.1910		mg/Kg		96	70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: LCS 880-71638/1-A
Matrix: Solid
Analysis Batch: 71999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71638

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09118		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*

Lab Sample ID: LCSD 880-71638/2-A
Matrix: Solid
Analysis Batch: 71999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71638

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1072		mg/Kg		107	70 - 130	33	35
Toluene			0.100	0.1126		mg/Kg		113	70 - 130	28	35
Ethylbenzene			0.100	0.1340	*+ *1	mg/Kg		134	70 - 130	43	35
m,p-Xylenes			0.200	0.2850	*+ *1	mg/Kg		142	70 - 130	39	35
o-Xylene			0.100	0.1224		mg/Kg		122	70 - 130	29	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*

Lab Sample ID: 890-5998-21 MS
Matrix: Solid
Analysis Batch: 71999

Client Sample ID: CONFIRMAION BORING-3 50'
Prep Type: Total/NA
Prep Batch: 71638

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0996	0.09478		mg/Kg		94	70 - 130
Toluene	<0.00201	U	0.0996	0.1029		mg/Kg		102	70 - 130
Ethylbenzene	<0.00201	U *+ *1	0.0996	0.09423		mg/Kg		95	70 - 130
m,p-Xylenes	<0.00402	U *+ *1	0.199	0.2172		mg/Kg		109	70 - 130
o-Xylene	<0.00201	U	0.0996	0.1065		mg/Kg		106	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*

Lab Sample ID: 890-5998-21 MSD
Matrix: Solid
Analysis Batch: 71999

Client Sample ID: CONFIRMAION BORING-3 50'
Prep Type: Total/NA
Prep Batch: 71638

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.07018		mg/Kg		70	70 - 130	30	35
Toluene	<0.00201	U	0.0990	0.07685		mg/Kg		76	70 - 130	29	35
Ethylbenzene	<0.00201	U *+ *1	0.0990	0.07788		mg/Kg		79	70 - 130	19	35
m,p-Xylenes	<0.00402	U *+ *1	0.198	0.1782		mg/Kg		90	70 - 130	20	35
o-Xylene	<0.00201	U	0.0990	0.08962		mg/Kg		89	70 - 130	17	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: 890-5998-21 MSD
Matrix: Solid
Analysis Batch: 71999

Client Sample ID: CONFIRMAION BORING-3 50'
Prep Type: Total/NA
Prep Batch: 71638

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: MB 880-71639/5-A
Matrix: Solid
Analysis Batch: 71951

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71639

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 04:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 04:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 04:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/25/24 18:06	01/31/24 04:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/25/24 18:06	01/31/24 04:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/25/24 18:06	01/31/24 04:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	01/25/24 18:06	01/31/24 04:31	1
1,4-Difluorobenzene (Surr)	114		70 - 130	01/25/24 18:06	01/31/24 04:31	1

Lab Sample ID: LCS 880-71639/1-A
Matrix: Solid
Analysis Batch: 71951

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71639

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09753		mg/Kg		98	70 - 130		
Toluene			0.100	0.09463		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.1136		mg/Kg		114	70 - 130		
m,p-Xylenes			0.200	0.2029		mg/Kg		101	70 - 130		
o-Xylene			0.100	0.09605		mg/Kg		96	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-71639/2-A
Matrix: Solid
Analysis Batch: 71951

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71639

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09675		mg/Kg		97	70 - 130	1	35
Toluene			0.100	0.1025		mg/Kg		102	70 - 130	8	35
Ethylbenzene			0.100	0.1163		mg/Kg		116	70 - 130	2	35
m,p-Xylenes			0.200	0.2068		mg/Kg		103	70 - 130	2	35
o-Xylene			0.100	0.09919		mg/Kg		99	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: LCSD 880-71639/2-A
Matrix: Solid
Analysis Batch: 71951

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71639

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 890-5998-42 MS
Matrix: Solid
Analysis Batch: 71951

Client Sample ID: CONFIRMAION BORING-1 90'
Prep Type: Total/NA
Prep Batch: 71639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.08057		mg/Kg		81	70 - 130
Toluene	<0.00199	U	0.0996	0.08266		mg/Kg		83	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.09552		mg/Kg		96	70 - 130
m,p-Xylenes	<0.00398	U	0.199	0.1585		mg/Kg		80	70 - 130
o-Xylene	<0.00199	U	0.0996	0.07241		mg/Kg		73	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: 890-5998-42 MSD
Matrix: Solid
Analysis Batch: 71951

Client Sample ID: CONFIRMAION BORING-1 90'
Prep Type: Total/NA
Prep Batch: 71639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.08706		mg/Kg		88	70 - 130	8	35
Toluene	<0.00199	U	0.0990	0.09096		mg/Kg		92	70 - 130	10	35
Ethylbenzene	<0.00199	U	0.0990	0.09592		mg/Kg		97	70 - 130	0	35
m,p-Xylenes	<0.00398	U	0.198	0.1716		mg/Kg		87	70 - 130	8	35
o-Xylene	<0.00199	U	0.0990	0.07679		mg/Kg		78	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: MB 880-71690/5-A
Matrix: Solid
Analysis Batch: 71764

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71690

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/26/24 11:23	01/28/24 23:01	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/26/24 11:23	01/28/24 23:01	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/26/24 11:23	01/28/24 23:01	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/26/24 11:23	01/28/24 23:01	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/26/24 11:23	01/28/24 23:01	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/26/24 11:23	01/28/24 23:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	01/26/24 11:23	01/28/24 23:01	1
1,4-Difluorobenzene (Surr)	79		70 - 130	01/26/24 11:23	01/28/24 23:01	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: LCS 880-71690/1-A
Matrix: Solid
Analysis Batch: 71764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71690

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09301		mg/Kg		93	70 - 130		
Toluene			0.100	0.09535		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.1044		mg/Kg		104	70 - 130		
m,p-Xylenes			0.200	0.1961		mg/Kg		98	70 - 130		
o-Xylene			0.100	0.1177		mg/Kg		118	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-71690/2-A
Matrix: Solid
Analysis Batch: 71764

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71690

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09511		mg/Kg		95	70 - 130	2	35
Toluene			0.100	0.1015		mg/Kg		101	70 - 130	6	35
Ethylbenzene			0.100	0.1094		mg/Kg		109	70 - 130	5	35
m,p-Xylenes			0.200	0.2236		mg/Kg		112	70 - 130	13	35
o-Xylene			0.100	0.1174		mg/Kg		117	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-38523-A-1-A MS
Matrix: Solid
Analysis Batch: 71764

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 71690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0996	0.09197		mg/Kg		92	70 - 130		
Toluene	<0.00201	U	0.0996	0.09604		mg/Kg		96	70 - 130		
Ethylbenzene	<0.00201	U	0.0996	0.1030		mg/Kg		103	70 - 130		
m,p-Xylenes	<0.00402	U	0.199	0.2081		mg/Kg		104	70 - 130		
o-Xylene	<0.00201	U	0.0996	0.1053		mg/Kg		105	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 880-38523-A-1-B MSD
Matrix: Solid
Analysis Batch: 71764

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 71690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09055		mg/Kg		91	70 - 130	2	35
Toluene	<0.00201	U	0.0990	0.1004		mg/Kg		101	70 - 130	4	35
Ethylbenzene	<0.00201	U	0.0990	0.1148		mg/Kg		116	70 - 130	11	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: 880-38523-A-1-B MSD
Matrix: Solid
Analysis Batch: 71764

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 71690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00402	U	0.198	0.2240		mg/Kg		113	70 - 130	7	35
o-Xylene	<0.00201	U	0.0990	0.1109		mg/Kg		112	70 - 130	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-71692/5-A
Matrix: Solid
Analysis Batch: 72000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71692

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:33	01/31/24 11:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:33	01/31/24 11:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:33	01/31/24 11:14	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/26/24 11:33	01/31/24 11:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:33	01/31/24 11:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/24 11:33	01/31/24 11:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*01/26/24 11:33*	*01/31/24 11:14*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*01/26/24 11:33*	*01/31/24 11:14*	*1*

Lab Sample ID: LCS 880-71692/1-A
Matrix: Solid
Analysis Batch: 72000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71692

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1010		mg/Kg		101	70 - 130		
Toluene			0.100	0.09485		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.09005		mg/Kg		90	70 - 130		
m,p-Xylenes			0.200	0.1985		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.1164		mg/Kg		116	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-71692/2-A
Matrix: Solid
Analysis Batch: 72000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71692

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09042		mg/Kg		90	70 - 130	11	35
Toluene			0.100	0.09201		mg/Kg		92	70 - 130	3	35
Ethylbenzene			0.100	0.09967		mg/Kg		100	70 - 130	10	35
m,p-Xylenes			0.200	0.2074		mg/Kg		104	70 - 130	4	35
o-Xylene			0.100	0.09905		mg/Kg		99	70 - 130	16	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-38301-A-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72000 — **Prep Batch: 71692**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1	0.0990	0.09160		mg/Kg		93	70 - 130
Toluene	<0.00199	U	0.0990	0.1016		mg/Kg		103	70 - 130
Ethylbenzene	<0.00199	U	0.0990	0.1170		mg/Kg		118	70 - 130
m,p-Xylenes	<0.00398	U	0.198	0.2324		mg/Kg		117	70 - 130
o-Xylene	<0.00199	U	0.0990	0.1108		mg/Kg		112	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-38301-A-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72000 — **Prep Batch: 71692**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.0998	0.06629	F1	mg/Kg		66	70 - 130	32	35
Toluene	<0.00199	U	0.0998	0.08918		mg/Kg		89	70 - 130	13	35
Ethylbenzene	<0.00199	U	0.0998	0.09755		mg/Kg		98	70 - 130	18	35
m,p-Xylenes	<0.00398	U	0.200	0.1780		mg/Kg		89	70 - 130	27	35
o-Xylene	<0.00199	U	0.0998	0.08585		mg/Kg		86	70 - 130	25	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	77		70 - 130

Lab Sample ID: MB 880-71786/5-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 71848 — **Prep Batch: 71786**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L		01/29/24 10:57	01/29/24 17:29	1
Toluene	<0.00200	U	0.00200	mg/L		01/29/24 10:57	01/29/24 17:29	1
Ethylbenzene	<0.00200	U	0.00200	mg/L		01/29/24 10:57	01/29/24 17:29	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L		01/29/24 10:57	01/29/24 17:29	1
o-Xylene	<0.00200	U	0.00200	mg/L		01/29/24 10:57	01/29/24 17:29	1
Xylenes, Total	<0.00400	U	0.00400	mg/L		01/29/24 10:57	01/29/24 17:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	01/29/24 10:57	01/29/24 17:29	1
1,4-Difluorobenzene (Surr)	122		70 - 130	01/29/24 10:57	01/29/24 17:29	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: MB 880-71830/5-A
Matrix: Solid
Analysis Batch: 72093

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71830

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 13:34	02/01/24 10:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 13:34	02/01/24 10:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 13:34	02/01/24 10:52	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/29/24 13:34	02/01/24 10:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 13:34	02/01/24 10:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/24 13:34	02/01/24 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*70 - 130*	*01/29/24 13:34*	*02/01/24 10:52*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*01/29/24 13:34*	*02/01/24 10:52*	*1*

Lab Sample ID: LCS 880-71830/1-A
Matrix: Solid
Analysis Batch: 72093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71830

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09795		mg/Kg		98	70 - 130		
Toluene			0.100	0.1028		mg/Kg		103	70 - 130		
Ethylbenzene			0.100	0.1207		mg/Kg		121	70 - 130		
m,p-Xylenes			0.200	0.2505		mg/Kg		125	70 - 130		
o-Xylene			0.100	0.1200		mg/Kg		120	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-71830/2-A
Matrix: Solid
Analysis Batch: 72093

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71830

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09384		mg/Kg		94	70 - 130	4	35
Toluene			0.100	0.09496		mg/Kg		95	70 - 130	8	35
Ethylbenzene			0.100	0.1144		mg/Kg		114	70 - 130	5	35
m,p-Xylenes			0.200	0.2345		mg/Kg		117	70 - 130	7	35
o-Xylene			0.100	0.1120		mg/Kg		112	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 880-38339-A-101-C MS
Matrix: Solid
Analysis Batch: 72093

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 71830

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.08277		mg/Kg		83	70 - 130		
Toluene	<0.00201	U	0.100	0.08249		mg/Kg		82	70 - 130		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: 880-38339-A-101-C MS
Matrix: Solid
Analysis Batch: 72093

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 71830

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.09763		mg/Kg		97	70 - 130
m,p-Xylenes	<0.00402	U F1	0.200	0.1967		mg/Kg		98	70 - 130
o-Xylene	<0.00201	U	0.100	0.09515		mg/Kg		95	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-38339-A-101-D MSD
Matrix: Solid
Analysis Batch: 72093

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 71830

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.1095		mg/Kg		111	70 - 130	28	35
Toluene	<0.00201	U	0.0990	0.1078		mg/Kg		109	70 - 130	27	35
Ethylbenzene	<0.00201	U	0.0990	0.1249		mg/Kg		126	70 - 130	25	35
m,p-Xylenes	<0.00402	U F1	0.198	0.2585	F1	mg/Kg		131	70 - 130	27	35
o-Xylene	<0.00201	U	0.0990	0.1237		mg/Kg		125	70 - 130	26	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 880-71848/39
Matrix: Water
Analysis Batch: 71848

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			01/30/24 05:05	1
Toluene	<0.00200	U	0.00200		mg/L			01/30/24 05:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			01/30/24 05:05	1
m,p-Xylenes	<0.00400	U	0.00400		mg/L			01/30/24 05:05	1
o-Xylene	<0.00200	U	0.00200		mg/L			01/30/24 05:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			01/30/24 05:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*		*01/30/24 05:05*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*		*01/30/24 05:05*	*1*

Lab Sample ID: LCS 880-71848/34
Matrix: Water
Analysis Batch: 71848

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09891		mg/L		99	70 - 130
Toluene	0.100	0.09799		mg/L		98	70 - 130
Ethylbenzene	0.100	0.1108		mg/L		111	70 - 130
m,p-Xylenes	0.200	0.2167		mg/L		108	70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: LCS 880-71848/34
Matrix: Water
Analysis Batch: 71848

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1072		mg/L		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-71848/35
Matrix: Water
Analysis Batch: 71848

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09355		mg/L		94	70 - 130	6	20
Toluene			0.100	0.09017		mg/L		90	70 - 130	8	20
Ethylbenzene			0.100	0.09692		mg/L		97	70 - 130	13	20
m,p-Xylenes			0.200	0.1992		mg/L		100	70 - 130	8	20
o-Xylene			0.100	0.09955		mg/L		100	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-5998-65 MS
Matrix: Water
Analysis Batch: 71848

Client Sample ID: TB-01-19-2024-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08058		mg/L		81	70 - 130		
Toluene	<0.00200	U	0.100	0.08504		mg/L		84	70 - 130		
Ethylbenzene	<0.00200	U F1 F2	0.100	0.06105	F1	mg/L		61	70 - 130		
m,p-Xylenes	<0.00400	U F1 F2	0.200	0.1290	F1	mg/L		64	70 - 130		
o-Xylene	<0.00200	U F1 F2	0.100	0.06017	F1	mg/L		60	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*40*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*127*		*70 - 130*

Lab Sample ID: 890-5998-65 MSD
Matrix: Water
Analysis Batch: 71848

Client Sample ID: TB-01-19-2024-01
Prep Type: Total/NA

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	0.09989		mg/L		100	70 - 130	21	25
Toluene	<0.00200	U	0.100	0.09485		mg/L		93	70 - 130	11	25
Ethylbenzene	<0.00200	U F1 F2	0.100	0.1055	F2	mg/L		105	70 - 130	53	25
m,p-Xylenes	<0.00400	U F1 F2	0.200	0.2080	F2	mg/L		104	70 - 130	47	25
o-Xylene	<0.00200	U F1 F2	0.100	0.1035	F2	mg/L		104	70 - 130	53	25

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: 890-5998-65 MSD
Matrix: Water
Analysis Batch: 71848

Client Sample ID: TB-01-19-2024-01
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-72014/5-A
Matrix: Solid
Analysis Batch: 72043

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/24 10:35	01/31/24 16:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/24 10:35	01/31/24 16:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/24 10:35	01/31/24 16:19	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/24 10:35	01/31/24 16:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/24 10:35	01/31/24 16:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/24 10:35	01/31/24 16:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	01/31/24 10:35	01/31/24 16:19	1
1,4-Difluorobenzene (Surr)	115		70 - 130	01/31/24 10:35	01/31/24 16:19	1

Lab Sample ID: LCS 880-72014/1-A
Matrix: Solid
Analysis Batch: 72043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72014

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09749		mg/Kg		97	70 - 130		
Toluene			0.100	0.09598		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.1117		mg/Kg		112	70 - 130		
m,p-Xylenes			0.200	0.1980		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.09492		mg/Kg		95	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-72014/2-A
Matrix: Solid
Analysis Batch: 72043

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 72014

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09833		mg/Kg		98	70 - 130	1	35
Toluene			0.100	0.09527		mg/Kg		95	70 - 130	1	35
Ethylbenzene			0.100	0.1000		mg/Kg		100	70 - 130	11	35
m,p-Xylenes			0.200	0.1672		mg/Kg		84	70 - 130	17	35
o-Xylene			0.100	0.09387		mg/Kg		94	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: LCSD 880-72014/2-A
Matrix: Solid
Analysis Batch: 72043

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 72014

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-38205-A-4-D MS
Matrix: Solid
Analysis Batch: 72043

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72014

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.09831		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.0996	0.09972		mg/Kg		100	70 - 130
Ethylbenzene	<0.00200	U	0.0996	0.1176		mg/Kg		118	70 - 130
m,p-Xylenes	<0.00401	U	0.199	0.2151		mg/Kg		108	70 - 130
o-Xylene	<0.00200	U	0.0996	0.1036		mg/Kg		104	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-38205-A-4-E MSD
Matrix: Solid
Analysis Batch: 72043

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72014

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.1034		mg/Kg		104	70 - 130	5	35
Toluene	<0.00200	U	0.0990	0.09835		mg/Kg		99	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.0990	0.1134		mg/Kg		115	70 - 130	4	35
m,p-Xylenes	<0.00401	U	0.198	0.2040		mg/Kg		103	70 - 130	5	35
o-Xylene	<0.00200	U	0.0990	0.1092		mg/Kg		110	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-72049/5-A
Matrix: Solid
Analysis Batch: 72043

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72049

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/31/24 12:30	02/01/24 04:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/31/24 12:30	02/01/24 04:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/31/24 12:30	02/01/24 04:23	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/31/24 12:30	02/01/24 04:23	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/31/24 12:30	02/01/24 04:23	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/31/24 12:30	02/01/24 04:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/31/24 12:30	02/01/24 04:23	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/31/24 12:30	02/01/24 04:23	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: LCS 880-72049/1-A
Matrix: Solid
Analysis Batch: 72043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72049

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08936		mg/Kg		89	70 - 130		
Toluene			0.100	0.08839		mg/Kg		88	70 - 130		
Ethylbenzene			0.100	0.09747		mg/Kg		97	70 - 130		
m,p-Xylenes			0.200	0.1757		mg/Kg		88	70 - 130		
o-Xylene			0.100	0.08573		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-72049/2-A
Matrix: Solid
Analysis Batch: 72043

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 72049

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08628		mg/Kg		86	70 - 130	4	35
Toluene			0.100	0.08272		mg/Kg		83	70 - 130	7	35
Ethylbenzene			0.100	0.09179		mg/Kg		92	70 - 130	6	35
m,p-Xylenes			0.200	0.1827		mg/Kg		91	70 - 130	4	35
o-Xylene			0.100	0.09160		mg/Kg		92	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-38705-A-1-A MS
Matrix: Solid
Analysis Batch: 72043

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72049

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.0996	0.07247		mg/Kg		73	70 - 130		
Toluene	<0.00199	U F1	0.0996	0.05707	F1	mg/Kg		57	70 - 130		
Ethylbenzene	<0.00199	U F1 F2	0.0996	0.05554	F1	mg/Kg		56	70 - 130		
m,p-Xylenes	<0.00398	U F1 F2	0.199	0.1084	F1	mg/Kg		54	70 - 130		
o-Xylene	<0.00199	U F1 F2	0.0996	0.05170	F1	mg/Kg		52	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-38705-A-1-B MSD
Matrix: Solid
Analysis Batch: 72043

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72049

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.07691		mg/Kg		78	70 - 130	6	35
Toluene	<0.00199	U F1	0.0990	0.05489	F1	mg/Kg		55	70 - 130	4	35
Ethylbenzene	<0.00199	U F1 F2	0.0990	0.03756	F1 F2	mg/Kg		38	70 - 130	39	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: 880-38705-A-1-B MSD
Matrix: Solid
Analysis Batch: 72043

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72049

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00398	U F1 F2	0.198	0.07358	F1 F2	mg/Kg		37	70 - 130	38	35
o-Xylene	<0.00199	U F1 F2	0.0990	0.03558	F1 F2	mg/Kg		36	70 - 130	37	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

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

Lab Sample ID: MB 880-71565/1-A
Matrix: Solid
Analysis Batch: 72087

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71565

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/25/24 09:07	02/01/24 19:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/25/24 09:07	02/01/24 19:04	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/25/24 09:07	02/01/24 19:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*178*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/01/24 19:04*	*1*
o-Terphenyl (Surr)	*149*	*S1+*	*70 - 130*	*01/25/24 09:07*	*02/01/24 19:04*	*1*

Lab Sample ID: LCS 880-71565/2-A
Matrix: Solid
Analysis Batch: 72087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71565

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	981.4		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1120		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*107*		*70 - 130*
o-Terphenyl (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-71565/3-A
Matrix: Solid
Analysis Batch: 72087

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71565

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1002		mg/Kg		100	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1196		mg/Kg		120	70 - 130	7	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: LCSD 880-71565/3-A
Matrix: Solid
Analysis Batch: 72087

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71565

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	122		70 - 130
o-Terphenyl (Surr)	114		70 - 130

Lab Sample ID: 890-5998-13 MS
Matrix: Solid
Analysis Batch: 72087

Client Sample ID: CONFIRMAION BORING-2 90'
Prep Type: Total/NA
Prep Batch: 71565

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1116		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	64.7	F1	1010	1577	F1	mg/Kg		150	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	157	S1+	70 - 130
o-Terphenyl (Surr)	115		70 - 130

Lab Sample ID: 890-5998-13 MSD
Matrix: Solid
Analysis Batch: 72087

Client Sample ID: CONFIRMAION BORING-2 90'
Prep Type: Total/NA
Prep Batch: 71565

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	<50.1	U	1010	1091		mg/Kg		104	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	64.7	F1	1010	1508	F1	mg/Kg		143	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	155	S1+	70 - 130
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: MB 880-71566/1-A
Matrix: Solid
Analysis Batch: 72196

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71566

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/25/24 09:10	02/02/24 20:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/25/24 09:10	02/02/24 20:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/25/24 09:10	02/02/24 20:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	01/25/24 09:10	02/02/24 20:23	1
o-Terphenyl (Surr)	103		70 - 130	01/25/24 09:10	02/02/24 20:23	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: LCS 880-71566/2-A
Matrix: Solid
Analysis Batch: 72196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71566

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	893.4		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	945.8		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*86*		*70 - 130*
o-Terphenyl (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-71566/3-A
Matrix: Solid
Analysis Batch: 72196

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71566

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	889.7		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	917.2		mg/Kg		92	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*102*		*70 - 130*
o-Terphenyl (Surr)	*110*		*70 - 130*

Lab Sample ID: 890-5998-22 MS
Matrix: Solid
Analysis Batch: 72196

Client Sample ID: CONFIRMAION BORING-3 60'
Prep Type: Total/NA
Prep Batch: 71566

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	994	884.9		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	994	945.8		mg/Kg		91	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*103*		*70 - 130*
o-Terphenyl (Surr)	*93*		*70 - 130*

Lab Sample ID: 890-5998-22 MSD
Matrix: Solid
Analysis Batch: 72196

Client Sample ID: CONFIRMAION BORING-3 60'
Prep Type: Total/NA
Prep Batch: 71566

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	<49.8	U	994	876.5		mg/Kg		88	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	994	971.9		mg/Kg		94	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*103*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: 890-5998-22 MSD
Matrix: Solid
Analysis Batch: 72196

Client Sample ID: CONFIRMAION BORING-3 60'
Prep Type: Total/NA
Prep Batch: 71566

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	95		70 - 130

Lab Sample ID: LCS 880-71568/2-A
Matrix: Solid
Analysis Batch: 72196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71568

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	903.3		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	909.0		mg/Kg		91	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	86		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-71568/3-A
Matrix: Solid
Analysis Batch: 72196

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71568

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	931.4		mg/Kg		93	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	903.6		mg/Kg		90	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	115		70 - 130

Lab Sample ID: 890-5998-44 MS
Matrix: Solid
Analysis Batch: 72196

Client Sample ID: NEW BORING-4 10'
Prep Type: Total/NA
Prep Batch: 71568

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1010	785.0		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	770.8		mg/Kg		73	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	90		70 - 130
o-Terphenyl (Surr)	81		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: 890-5998-44 MSD
Matrix: Solid
Analysis Batch: 72196

Client Sample ID: NEW BORING-4 10'
Prep Type: Total/NA
Prep Batch: 71568

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	<49.8	U	1010	803.6		mg/Kg		80	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	839.1		mg/Kg		80	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*92*		*70 - 130*
o-Terphenyl (Surr)	*84*		*70 - 130*

Lab Sample ID: MB 880-71569/1-A
Matrix: Solid
Analysis Batch: 72087

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71569

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/25/24 09:18	02/01/24 07:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/25/24 09:18	02/01/24 07:59	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/25/24 09:18	02/01/24 07:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*159*	*S1+*	*70 - 130*	*01/25/24 09:18*	*02/01/24 07:59*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*01/25/24 09:18*	*02/01/24 07:59*	*1*

Lab Sample ID: LCS 880-71569/2-A
Matrix: Solid
Analysis Batch: 72087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71569

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1166		mg/Kg		117	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1258		mg/Kg		126	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*117*		*70 - 130*
o-Terphenyl (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-71569/3-A
Matrix: Solid
Analysis Batch: 72087

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71569

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1051		mg/Kg		105	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	1136		mg/Kg		114	70 - 130	10	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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

Lab Sample ID: LCSD 880-71569/3-A
Matrix: Solid
Analysis Batch: 72087

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71569

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	118		70 - 130
o-Terphenyl (Surr)	110		70 - 130

Lab Sample ID: 890-5998-61 MS
Matrix: Solid
Analysis Batch: 72087

Client Sample ID: NEW BORING-2 25'
Prep Type: Total/NA
Prep Batch: 71569

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1010	1136		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	<50.3	U F1	1010	1469	F1	mg/Kg		143	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	147	S1+	70 - 130
o-Terphenyl (Surr)	108		70 - 130

Lab Sample ID: 890-5998-61 MSD
Matrix: Solid
Analysis Batch: 72087

Client Sample ID: NEW BORING-2 25'
Prep Type: Total/NA
Prep Batch: 71569

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	<50.3	U	1010	1133		mg/Kg		108	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.3	U F1	1010	1497	F1	mg/Kg		146	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	150	S1+	70 - 130
o-Terphenyl (Surr)	105		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC) - RA2

Lab Sample ID: MB 880-71568/1-A
Matrix: Solid
Analysis Batch: 72196

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71568

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 - RA2	<50.0	U	50.0	mg/Kg		01/25/24 09:13	02/02/24 08:42	1
Diesel Range Organics (Over C10-C28) - RA2	<50.0	U	50.0	mg/Kg		01/25/24 09:13	02/02/24 08:42	1
OII Range Organics (Over C28-C36) - RA2	<50.0	U	50.0	mg/Kg		01/25/24 09:13	02/02/24 08:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr) - RA2	101		70 - 130	01/25/24 09:13	02/02/24 08:42	1
o-Terphenyl (Surr) - RA2	103		70 - 130	01/25/24 09:13	02/02/24 08:42	1

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC VOA

Prep Batch: 71636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-1	CONFIRMAION BORING-2 10'	Total/NA	Solid	5035	
890-5998-2	CONFIRMAION BORING-2 15'	Total/NA	Solid	5035	
890-5998-3	CONFIRMAION BORING-2 20'	Total/NA	Solid	5035	
890-5998-4	CONFIRMAION BORING-2 25'	Total/NA	Solid	5035	
890-5998-5	CONFIRMAION BORING-2 30'	Total/NA	Solid	5035	
890-5998-6	CONFIRMAION BORING-2 35'	Total/NA	Solid	5035	
890-5998-9	CONFIRMAION BORING-2 50'	Total/NA	Solid	5035	
890-5998-10	CONFIRMAION BORING-2 60'	Total/NA	Solid	5035	
890-5998-11	CONFIRMAION BORING-2 70'	Total/NA	Solid	5035	
890-5998-14	CONFIRMAION BORING-2 100'	Total/NA	Solid	5035	
890-5998-15	CONFIRMAION BORING-3 10'	Total/NA	Solid	5035	
890-5998-16	CONFIRMAION BORING-3 15'	Total/NA	Solid	5035	
890-5998-17	CONFIRMAION BORING-3 20'	Total/NA	Solid	5035	
890-5998-18	CONFIRMAION BORING-3 25'	Total/NA	Solid	5035	
890-5998-19	CONFIRMAION BORING-3 30'	Total/NA	Solid	5035	
890-5998-20	CONFIRMAION BORING-3 40'	Total/NA	Solid	5035	
MB 880-71636/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71636/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71636/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-5998-1 MS	CONFIRMAION BORING-2 10'	Total/NA	Solid	5035	
890-5998-1 MSD	CONFIRMAION BORING-2 10'	Total/NA	Solid	5035	

Prep Batch: 71638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-21	CONFIRMAION BORING-3 50'	Total/NA	Solid	5035	
890-5998-22	CONFIRMAION BORING-3 60'	Total/NA	Solid	5035	
890-5998-23	CONFIRMAION BORING-4 10'	Total/NA	Solid	5035	
890-5998-24	CONFIRMAION BORING-4 15'	Total/NA	Solid	5035	
890-5998-25	CONFIRMAION BORING-4 20'	Total/NA	Solid	5035	
890-5998-26	CONFIRMAION BORING-4 25'	Total/NA	Solid	5035	
890-5998-27	CONFIRMAION BORING-4 30'	Total/NA	Solid	5035	
890-5998-28	CONFIRMAION BORING-4 40'	Total/NA	Solid	5035	
890-5998-29	CONFIRMAION BORING-4 50'	Total/NA	Solid	5035	
890-5998-31	CONFIRMAION BORING-4 70'	Total/NA	Solid	5035	
890-5998-32	CONFIRMAION BORING-1 10'	Total/NA	Solid	5035	
890-5998-33	CONFIRMAION BORING-1 15'	Total/NA	Solid	5035	
890-5998-34	CONFIRMAION BORING-1 20'	Total/NA	Solid	5035	
890-5998-35	CONFIRMAION BORING-1 25'	Total/NA	Solid	5035	
890-5998-36	CONFIRMAION BORING-1 30'	Total/NA	Solid	5035	
890-5998-37	CONFIRMAION BORING-1 40'	Total/NA	Solid	5035	
890-5998-38	CONFIRMAION BORING-1 50'	Total/NA	Solid	5035	
890-5998-39	CONFIRMAION BORING-1 60'	Total/NA	Solid	5035	
890-5998-40	CONFIRMAION BORING-1 70'	Total/NA	Solid	5035	
MB 880-71638/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71638/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71638/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-5998-21 MS	CONFIRMAION BORING-3 50'	Total/NA	Solid	5035	
890-5998-21 MSD	CONFIRMAION BORING-3 50'	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC VOA

Prep Batch: 71639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-3	CONFIRMAION BORING-2 20'	Total/NA	Solid	5035	
890-5998-4	CONFIRMAION BORING-2 25'	Total/NA	Solid	5035	
890-5998-6	CONFIRMAION BORING-2 35'	Total/NA	Solid	5035	
890-5998-7	CONFIRMAION BORING-2 40'	Total/NA	Solid	5035	
890-5998-8	CONFIRMAION BORING-2 45'	Total/NA	Solid	5035	
890-5998-10	CONFIRMAION BORING-2 60'	Total/NA	Solid	5035	
890-5998-11	CONFIRMAION BORING-2 70'	Total/NA	Solid	5035	
890-5998-18	CONFIRMAION BORING-3 25'	Total/NA	Solid	5035	
890-5998-20	CONFIRMAION BORING-3 40'	Total/NA	Solid	5035	
890-5998-41	CONFIRMAION BORING-1 80'	Total/NA	Solid	5035	
890-5998-42	CONFIRMAION BORING-1 90'	Total/NA	Solid	5035	
890-5998-43	CONFIRMAION BORING-1 100'	Total/NA	Solid	5035	
890-5998-44	NEW BORING-4 10'	Total/NA	Solid	5035	
890-5998-45	NEW BORING-4 15'	Total/NA	Solid	5035	
890-5998-46	NEW BORING-4 20'	Total/NA	Solid	5035	
890-5998-47	NEW BORING-4 25'	Total/NA	Solid	5035	
890-5998-48	NEW BORING-4 30'	Total/NA	Solid	5035	
890-5998-49	NEW BORING-4 40'	Total/NA	Solid	5035	
890-5998-50	NEW BORING-4 50'	Total/NA	Solid	5035	
MB 880-71639/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71639/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71639/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-5998-42 MS	CONFIRMAION BORING-1 90'	Total/NA	Solid	5035	
890-5998-42 MSD	CONFIRMAION BORING-1 90'	Total/NA	Solid	5035	

Prep Batch: 71690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-61	NEW BORING-2 25'	Total/NA	Solid	5035	
890-5998-62	NEW BORING-2 30'	Total/NA	Solid	5035	
890-5998-63	NEW BORING-2 40'	Total/NA	Solid	5035	
890-5998-64	NEW BORING-2 50'	Total/NA	Solid	5035	
MB 880-71690/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71690/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71690/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38523-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-38523-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 71692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-12	CONFIRMAION BORING-2 80'	Total/NA	Solid	5035	
890-5998-13	CONFIRMAION BORING-2 90'	Total/NA	Solid	5035	
MB 880-71692/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71692/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71692/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38301-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-38301-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 71764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-61	NEW BORING-2 25'	Total/NA	Solid	8021B	71690
890-5998-62	NEW BORING-2 30'	Total/NA	Solid	8021B	71690

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC VOA (Continued)

Analysis Batch: 71764 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-63	NEW BORING-2 40'	Total/NA	Solid	8021B	71690
890-5998-64	NEW BORING-2 50'	Total/NA	Solid	8021B	71690
MB 880-71690/5-A	Method Blank	Total/NA	Solid	8021B	71690
LCS 880-71690/1-A	Lab Control Sample	Total/NA	Solid	8021B	71690
LCSD 880-71690/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71690
880-38523-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	71690
880-38523-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	71690

Prep Batch: 71786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71786/5-A	Method Blank	Total/NA	Water	5035	

Analysis Batch: 71825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-1	CONFIRMAION BORING-2 10'	Total/NA	Solid	Total BTEX	
890-5998-2	CONFIRMAION BORING-2 15'	Total/NA	Solid	Total BTEX	
890-5998-3	CONFIRMAION BORING-2 20'	Total/NA	Solid	Total BTEX	
890-5998-4	CONFIRMAION BORING-2 25'	Total/NA	Solid	Total BTEX	
890-5998-5	CONFIRMAION BORING-2 30'	Total/NA	Solid	Total BTEX	
890-5998-6	CONFIRMAION BORING-2 35'	Total/NA	Solid	Total BTEX	
890-5998-7	CONFIRMAION BORING-2 40'	Total/NA	Solid	Total BTEX	
890-5998-8	CONFIRMAION BORING-2 45'	Total/NA	Solid	Total BTEX	
890-5998-9	CONFIRMAION BORING-2 50'	Total/NA	Solid	Total BTEX	
890-5998-10	CONFIRMAION BORING-2 60'	Total/NA	Solid	Total BTEX	
890-5998-11	CONFIRMAION BORING-2 70'	Total/NA	Solid	Total BTEX	
890-5998-12	CONFIRMAION BORING-2 80'	Total/NA	Solid	Total BTEX	
890-5998-13	CONFIRMAION BORING-2 90'	Total/NA	Solid	Total BTEX	
890-5998-14	CONFIRMAION BORING-2 100'	Total/NA	Solid	Total BTEX	
890-5998-15	CONFIRMAION BORING-3 10'	Total/NA	Solid	Total BTEX	
890-5998-16	CONFIRMAION BORING-3 15'	Total/NA	Solid	Total BTEX	
890-5998-17	CONFIRMAION BORING-3 20'	Total/NA	Solid	Total BTEX	
890-5998-18	CONFIRMAION BORING-3 25'	Total/NA	Solid	Total BTEX	
890-5998-19	CONFIRMAION BORING-3 30'	Total/NA	Solid	Total BTEX	
890-5998-20	CONFIRMAION BORING-3 40'	Total/NA	Solid	Total BTEX	
890-5998-21	CONFIRMAION BORING-3 50'	Total/NA	Solid	Total BTEX	
890-5998-22	CONFIRMAION BORING-3 60'	Total/NA	Solid	Total BTEX	
890-5998-23	CONFIRMAION BORING-4 10'	Total/NA	Solid	Total BTEX	
890-5998-24	CONFIRMAION BORING-4 15'	Total/NA	Solid	Total BTEX	
890-5998-25	CONFIRMAION BORING-4 20'	Total/NA	Solid	Total BTEX	
890-5998-26	CONFIRMAION BORING-4 25'	Total/NA	Solid	Total BTEX	
890-5998-27	CONFIRMAION BORING-4 30'	Total/NA	Solid	Total BTEX	
890-5998-28	CONFIRMAION BORING-4 40'	Total/NA	Solid	Total BTEX	
890-5998-29	CONFIRMAION BORING-4 50'	Total/NA	Solid	Total BTEX	
890-5998-30	CONFIRMAION BORING-4 60'	Total/NA	Solid	Total BTEX	
890-5998-31	CONFIRMAION BORING-4 70'	Total/NA	Solid	Total BTEX	
890-5998-32	CONFIRMAION BORING-1 10'	Total/NA	Solid	Total BTEX	
890-5998-33	CONFIRMAION BORING-1 15'	Total/NA	Solid	Total BTEX	
890-5998-34	CONFIRMAION BORING-1 20'	Total/NA	Solid	Total BTEX	
890-5998-35	CONFIRMAION BORING-1 25'	Total/NA	Solid	Total BTEX	
890-5998-36	CONFIRMAION BORING-1 30'	Total/NA	Solid	Total BTEX	
890-5998-37	CONFIRMAION BORING-1 40'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC VOA (Continued)

Analysis Batch: 71825 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-38	CONFIRMAION BORING-1 50'	Total/NA	Solid	Total BTEX	
890-5998-39	CONFIRMAION BORING-1 60'	Total/NA	Solid	Total BTEX	
890-5998-40	CONFIRMAION BORING-1 70'	Total/NA	Solid	Total BTEX	
890-5998-41	CONFIRMAION BORING-1 80'	Total/NA	Solid	Total BTEX	
890-5998-42	CONFIRMAION BORING-1 90'	Total/NA	Solid	Total BTEX	
890-5998-43	CONFIRMAION BORING-1 100'	Total/NA	Solid	Total BTEX	
890-5998-44	NEW BORING-4 10'	Total/NA	Solid	Total BTEX	
890-5998-45	NEW BORING-4 15'	Total/NA	Solid	Total BTEX	
890-5998-46	NEW BORING-4 20'	Total/NA	Solid	Total BTEX	
890-5998-47	NEW BORING-4 25'	Total/NA	Solid	Total BTEX	
890-5998-48	NEW BORING-4 30'	Total/NA	Solid	Total BTEX	
890-5998-49	NEW BORING-4 40'	Total/NA	Solid	Total BTEX	
890-5998-50	NEW BORING-4 50'	Total/NA	Solid	Total BTEX	
890-5998-51	NEW BORING-1 10'	Total/NA	Solid	Total BTEX	
890-5998-52	NEW BORING-1 15'	Total/NA	Solid	Total BTEX	
890-5998-53	NEW BORING-1 20'	Total/NA	Solid	Total BTEX	
890-5998-54	NEW BORING-1 25'	Total/NA	Solid	Total BTEX	
890-5998-55	NEW BORING-1 30'	Total/NA	Solid	Total BTEX	
890-5998-56	NEW BORING-1 40'	Total/NA	Solid	Total BTEX	
890-5998-57	NEW BORING-1 50'	Total/NA	Solid	Total BTEX	
890-5998-58	NEW BORING-2 10'	Total/NA	Solid	Total BTEX	
890-5998-59	NEW BORING-2 15'	Total/NA	Solid	Total BTEX	
890-5998-60	NEW BORING-2 20'	Total/NA	Solid	Total BTEX	
890-5998-61	NEW BORING-2 25'	Total/NA	Solid	Total BTEX	
890-5998-62	NEW BORING-2 30'	Total/NA	Solid	Total BTEX	
890-5998-63	NEW BORING-2 40'	Total/NA	Solid	Total BTEX	
890-5998-64	NEW BORING-2 50'	Total/NA	Solid	Total BTEX	
890-5998-65	TB-01-19-2024-01	Total/NA	Water	Total BTEX	
890-5998-66	TB-01-19-2024-02	Total/NA	Water	Total BTEX	

Prep Batch: 71830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-30	CONFIRMAION BORING-4 60'	Total/NA	Solid	5035	
890-5998-32	CONFIRMAION BORING-1 10'	Total/NA	Solid	5035	
890-5998-33	CONFIRMAION BORING-1 15'	Total/NA	Solid	5035	
890-5998-35	CONFIRMAION BORING-1 25'	Total/NA	Solid	5035	
890-5998-36	CONFIRMAION BORING-1 30'	Total/NA	Solid	5035	
890-5998-37	CONFIRMAION BORING-1 40'	Total/NA	Solid	5035	
890-5998-38	CONFIRMAION BORING-1 50'	Total/NA	Solid	5035	
890-5998-39	CONFIRMAION BORING-1 60'	Total/NA	Solid	5035	
890-5998-40	CONFIRMAION BORING-1 70'	Total/NA	Solid	5035	
MB 880-71830/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71830/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71830/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38339-A-101-C MS	Matrix Spike	Total/NA	Solid	5035	
880-38339-A-101-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 71848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-65	TB-01-19-2024-01	Total/NA	Water	8021B	
890-5998-66	TB-01-19-2024-02	Total/NA	Water	8021B	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC VOA (Continued)

Analysis Batch: 71848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71786/5-A	Method Blank	Total/NA	Water	8021B	71786
MB 880-71848/39	Method Blank	Total/NA	Water	8021B	
LCS 880-71848/34	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-71848/35	Lab Control Sample Dup	Total/NA	Water	8021B	
890-5998-65 MS	TB-01-19-2024-01	Total/NA	Water	8021B	
890-5998-65 MSD	TB-01-19-2024-01	Total/NA	Water	8021B	

Analysis Batch: 71951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-1	CONFIRMAION BORING-2 10'	Total/NA	Solid	8021B	71636
890-5998-2	CONFIRMAION BORING-2 15'	Total/NA	Solid	8021B	71636
890-5998-3	CONFIRMAION BORING-2 20'	Total/NA	Solid	8021B	71636
890-5998-3	CONFIRMAION BORING-2 20'	Total/NA	Solid	8021B	71639
890-5998-4	CONFIRMAION BORING-2 25'	Total/NA	Solid	8021B	71636
890-5998-4	CONFIRMAION BORING-2 25'	Total/NA	Solid	8021B	71639
890-5998-5	CONFIRMAION BORING-2 30'	Total/NA	Solid	8021B	71636
890-5998-6	CONFIRMAION BORING-2 35'	Total/NA	Solid	8021B	71636
890-5998-6	CONFIRMAION BORING-2 35'	Total/NA	Solid	8021B	71639
890-5998-7	CONFIRMAION BORING-2 40'	Total/NA	Solid	8021B	71639
890-5998-8	CONFIRMAION BORING-2 45'	Total/NA	Solid	8021B	71639
890-5998-9	CONFIRMAION BORING-2 50'	Total/NA	Solid	8021B	71636
890-5998-10	CONFIRMAION BORING-2 60'	Total/NA	Solid	8021B	71636
890-5998-10	CONFIRMAION BORING-2 60'	Total/NA	Solid	8021B	71639
890-5998-11	CONFIRMAION BORING-2 70'	Total/NA	Solid	8021B	71636
890-5998-11	CONFIRMAION BORING-2 70'	Total/NA	Solid	8021B	71639
890-5998-14	CONFIRMAION BORING-2 100'	Total/NA	Solid	8021B	71636
890-5998-15	CONFIRMAION BORING-3 10'	Total/NA	Solid	8021B	71636
890-5998-16	CONFIRMAION BORING-3 15'	Total/NA	Solid	8021B	71636
890-5998-17	CONFIRMAION BORING-3 20'	Total/NA	Solid	8021B	71636
890-5998-18	CONFIRMAION BORING-3 25'	Total/NA	Solid	8021B	71636
890-5998-18	CONFIRMAION BORING-3 25'	Total/NA	Solid	8021B	71639
890-5998-19	CONFIRMAION BORING-3 30'	Total/NA	Solid	8021B	71636
890-5998-20	CONFIRMAION BORING-3 40'	Total/NA	Solid	8021B	71636
890-5998-20	CONFIRMAION BORING-3 40'	Total/NA	Solid	8021B	71639
890-5998-41	CONFIRMAION BORING-1 80'	Total/NA	Solid	8021B	71639
890-5998-42	CONFIRMAION BORING-1 90'	Total/NA	Solid	8021B	71639
890-5998-43	CONFIRMAION BORING-1 100'	Total/NA	Solid	8021B	71639
890-5998-44	NEW BORING-4 10'	Total/NA	Solid	8021B	71639
890-5998-45	NEW BORING-4 15'	Total/NA	Solid	8021B	71639
890-5998-46	NEW BORING-4 20'	Total/NA	Solid	8021B	71639
890-5998-47	NEW BORING-4 25'	Total/NA	Solid	8021B	71639
890-5998-48	NEW BORING-4 30'	Total/NA	Solid	8021B	71639
890-5998-49	NEW BORING-4 40'	Total/NA	Solid	8021B	71639
890-5998-50	NEW BORING-4 50'	Total/NA	Solid	8021B	71639
MB 880-71636/5-A	Method Blank	Total/NA	Solid	8021B	71636
MB 880-71639/5-A	Method Blank	Total/NA	Solid	8021B	71639
LCS 880-71636/1-A	Lab Control Sample	Total/NA	Solid	8021B	71636
LCS 880-71639/1-A	Lab Control Sample	Total/NA	Solid	8021B	71639
LCSD 880-71636/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71636
LCSD 880-71639/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71639
890-5998-1 MS	CONFIRMAION BORING-2 10'	Total/NA	Solid	8021B	71636

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC VOA (Continued)

Analysis Batch: 71951 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-1 MSD	CONFIRMAION BORING-2 10'	Total/NA	Solid	8021B	71636
890-5998-42 MS	CONFIRMAION BORING-1 90'	Total/NA	Solid	8021B	71639
890-5998-42 MSD	CONFIRMAION BORING-1 90'	Total/NA	Solid	8021B	71639

Analysis Batch: 71999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-21	CONFIRMAION BORING-3 50'	Total/NA	Solid	8021B	71638
890-5998-22	CONFIRMAION BORING-3 60'	Total/NA	Solid	8021B	71638
890-5998-23	CONFIRMAION BORING-4 10'	Total/NA	Solid	8021B	71638
890-5998-24	CONFIRMAION BORING-4 15'	Total/NA	Solid	8021B	71638
890-5998-25	CONFIRMAION BORING-4 20'	Total/NA	Solid	8021B	71638
890-5998-26	CONFIRMAION BORING-4 25'	Total/NA	Solid	8021B	71638
890-5998-27	CONFIRMAION BORING-4 30'	Total/NA	Solid	8021B	71638
890-5998-28	CONFIRMAION BORING-4 40'	Total/NA	Solid	8021B	71638
890-5998-29	CONFIRMAION BORING-4 50'	Total/NA	Solid	8021B	71638
890-5998-31	CONFIRMAION BORING-4 70'	Total/NA	Solid	8021B	71638
890-5998-32	CONFIRMAION BORING-1 10'	Total/NA	Solid	8021B	71638
890-5998-33	CONFIRMAION BORING-1 15'	Total/NA	Solid	8021B	71638
890-5998-34	CONFIRMAION BORING-1 20'	Total/NA	Solid	8021B	71638
890-5998-35	CONFIRMAION BORING-1 25'	Total/NA	Solid	8021B	71638
890-5998-36	CONFIRMAION BORING-1 30'	Total/NA	Solid	8021B	71638
890-5998-37	CONFIRMAION BORING-1 40'	Total/NA	Solid	8021B	71638
890-5998-38	CONFIRMAION BORING-1 50'	Total/NA	Solid	8021B	71638
890-5998-39	CONFIRMAION BORING-1 60'	Total/NA	Solid	8021B	71638
890-5998-40	CONFIRMAION BORING-1 70'	Total/NA	Solid	8021B	71638
MB 880-71638/5-A	Method Blank	Total/NA	Solid	8021B	71638
LCS 880-71638/1-A	Lab Control Sample	Total/NA	Solid	8021B	71638
LCSD 880-71638/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71638
890-5998-21 MS	CONFIRMAION BORING-3 50'	Total/NA	Solid	8021B	71638
890-5998-21 MSD	CONFIRMAION BORING-3 50'	Total/NA	Solid	8021B	71638

Analysis Batch: 72000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-12	CONFIRMAION BORING-2 80'	Total/NA	Solid	8021B	71692
890-5998-13	CONFIRMAION BORING-2 90'	Total/NA	Solid	8021B	71692
MB 880-71692/5-A	Method Blank	Total/NA	Solid	8021B	71692
LCS 880-71692/1-A	Lab Control Sample	Total/NA	Solid	8021B	71692
LCSD 880-71692/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71692
880-38301-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	71692
880-38301-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	71692

Prep Batch: 72014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-51	NEW BORING-1 10'	Total/NA	Solid	5035	
890-5998-52	NEW BORING-1 15'	Total/NA	Solid	5035	
890-5998-53	NEW BORING-1 20'	Total/NA	Solid	5035	
890-5998-54	NEW BORING-1 25'	Total/NA	Solid	5035	
890-5998-55	NEW BORING-1 30'	Total/NA	Solid	5035	
890-5998-56	NEW BORING-1 40'	Total/NA	Solid	5035	
890-5998-57	NEW BORING-1 50'	Total/NA	Solid	5035	
890-5998-58	NEW BORING-2 10'	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC VOA (Continued)

Prep Batch: 72014 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-59	NEW BORING-2 15'	Total/NA	Solid	5035	
890-5998-60	NEW BORING-2 20'	Total/NA	Solid	5035	
MB 880-72014/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-72014/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-72014/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38205-A-4-D MS	Matrix Spike	Total/NA	Solid	5035	
880-38205-A-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 72043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-19	CONFIRMAION BORING-3 30'	Total/NA	Solid	8021B	72049
890-5998-51	NEW BORING-1 10'	Total/NA	Solid	8021B	72014
890-5998-52	NEW BORING-1 15'	Total/NA	Solid	8021B	72014
890-5998-53	NEW BORING-1 20'	Total/NA	Solid	8021B	72014
890-5998-54	NEW BORING-1 25'	Total/NA	Solid	8021B	72014
890-5998-55	NEW BORING-1 30'	Total/NA	Solid	8021B	72014
890-5998-56	NEW BORING-1 40'	Total/NA	Solid	8021B	72014
890-5998-57	NEW BORING-1 50'	Total/NA	Solid	8021B	72014
890-5998-58	NEW BORING-2 10'	Total/NA	Solid	8021B	72014
890-5998-59	NEW BORING-2 15'	Total/NA	Solid	8021B	72014
890-5998-60	NEW BORING-2 20'	Total/NA	Solid	8021B	72014
MB 880-72014/5-A	Method Blank	Total/NA	Solid	8021B	72014
MB 880-72049/5-A	Method Blank	Total/NA	Solid	8021B	72049
LCS 880-72014/1-A	Lab Control Sample	Total/NA	Solid	8021B	72014
LCS 880-72049/1-A	Lab Control Sample	Total/NA	Solid	8021B	72049
LCSD 880-72014/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	72014
LCSD 880-72049/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	72049
880-38205-A-4-D MS	Matrix Spike	Total/NA	Solid	8021B	72014
880-38205-A-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	72014
880-38705-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	72049
880-38705-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	72049

Prep Batch: 72049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-19	CONFIRMAION BORING-3 30'	Total/NA	Solid	5035	
MB 880-72049/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-72049/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-72049/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38705-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-38705-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 72093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-30	CONFIRMAION BORING-4 60'	Total/NA	Solid	8021B	71830
890-5998-32	CONFIRMAION BORING-1 10'	Total/NA	Solid	8021B	71830
890-5998-33	CONFIRMAION BORING-1 15'	Total/NA	Solid	8021B	71830
890-5998-35	CONFIRMAION BORING-1 25'	Total/NA	Solid	8021B	71830
890-5998-36	CONFIRMAION BORING-1 30'	Total/NA	Solid	8021B	71830
890-5998-37	CONFIRMAION BORING-1 40'	Total/NA	Solid	8021B	71830
890-5998-38	CONFIRMAION BORING-1 50'	Total/NA	Solid	8021B	71830
890-5998-39	CONFIRMAION BORING-1 60'	Total/NA	Solid	8021B	71830

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC VOA (Continued)

Analysis Batch: 72093 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-40	CONFIRMAION BORING-1 70'	Total/NA	Solid	8021B	71830
MB 880-71830/5-A	Method Blank	Total/NA	Solid	8021B	71830
LCS 880-71830/1-A	Lab Control Sample	Total/NA	Solid	8021B	71830
LCSD 880-71830/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71830
880-38339-A-101-C MS	Matrix Spike	Total/NA	Solid	8021B	71830
880-38339-A-101-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	71830

GC Semi VOA

Prep Batch: 71565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-1	CONFIRMAION BORING-2 10'	Total/NA	Solid	8015NM Prep	
890-5998-2	CONFIRMAION BORING-2 15'	Total/NA	Solid	8015NM Prep	
890-5998-3	CONFIRMAION BORING-2 20'	Total/NA	Solid	8015NM Prep	
890-5998-4	CONFIRMAION BORING-2 25'	Total/NA	Solid	8015NM Prep	
890-5998-5	CONFIRMAION BORING-2 30'	Total/NA	Solid	8015NM Prep	
890-5998-6	CONFIRMAION BORING-2 35'	Total/NA	Solid	8015NM Prep	
890-5998-7	CONFIRMAION BORING-2 40'	Total/NA	Solid	8015NM Prep	
890-5998-8	CONFIRMAION BORING-2 45'	Total/NA	Solid	8015NM Prep	
890-5998-9	CONFIRMAION BORING-2 50'	Total/NA	Solid	8015NM Prep	
890-5998-10	CONFIRMAION BORING-2 60'	Total/NA	Solid	8015NM Prep	
890-5998-11	CONFIRMAION BORING-2 70'	Total/NA	Solid	8015NM Prep	
890-5998-12	CONFIRMAION BORING-2 80'	Total/NA	Solid	8015NM Prep	
890-5998-13	CONFIRMAION BORING-2 90'	Total/NA	Solid	8015NM Prep	
890-5998-14	CONFIRMAION BORING-2 100'	Total/NA	Solid	8015NM Prep	
890-5998-15	CONFIRMAION BORING-3 10'	Total/NA	Solid	8015NM Prep	
890-5998-16	CONFIRMAION BORING-3 15'	Total/NA	Solid	8015NM Prep	
890-5998-17	CONFIRMAION BORING-3 20'	Total/NA	Solid	8015NM Prep	
890-5998-18	CONFIRMAION BORING-3 25'	Total/NA	Solid	8015NM Prep	
890-5998-19	CONFIRMAION BORING-3 30'	Total/NA	Solid	8015NM Prep	
890-5998-20	CONFIRMAION BORING-3 40'	Total/NA	Solid	8015NM Prep	
MB 880-71565/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71565/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71565/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-5998-13 MS	CONFIRMAION BORING-2 90'	Total/NA	Solid	8015NM Prep	
890-5998-13 MSD	CONFIRMAION BORING-2 90'	Total/NA	Solid	8015NM Prep	

Prep Batch: 71566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-21	CONFIRMAION BORING-3 50'	Total/NA	Solid	8015NM Prep	
890-5998-22	CONFIRMAION BORING-3 60'	Total/NA	Solid	8015NM Prep	
890-5998-23	CONFIRMAION BORING-4 10'	Total/NA	Solid	8015NM Prep	
890-5998-24	CONFIRMAION BORING-4 15'	Total/NA	Solid	8015NM Prep	
890-5998-25	CONFIRMAION BORING-4 20'	Total/NA	Solid	8015NM Prep	
890-5998-26	CONFIRMAION BORING-4 25'	Total/NA	Solid	8015NM Prep	
890-5998-27	CONFIRMAION BORING-4 30'	Total/NA	Solid	8015NM Prep	
890-5998-28	CONFIRMAION BORING-4 40'	Total/NA	Solid	8015NM Prep	
890-5998-29	CONFIRMAION BORING-4 50'	Total/NA	Solid	8015NM Prep	
890-5998-30	CONFIRMAION BORING-4 60'	Total/NA	Solid	8015NM Prep	
890-5998-31	CONFIRMAION BORING-4 70'	Total/NA	Solid	8015NM Prep	
890-5998-32	CONFIRMAION BORING-1 10'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC Semi VOA (Continued)

Prep Batch: 71566 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-33	CONFIRMAION BORING-1 15'	Total/NA	Solid	8015NM Prep	
890-5998-34	CONFIRMAION BORING-1 20'	Total/NA	Solid	8015NM Prep	
890-5998-35	CONFIRMAION BORING-1 25'	Total/NA	Solid	8015NM Prep	
890-5998-36	CONFIRMAION BORING-1 30'	Total/NA	Solid	8015NM Prep	
890-5998-37	CONFIRMAION BORING-1 40'	Total/NA	Solid	8015NM Prep	
890-5998-38	CONFIRMAION BORING-1 50'	Total/NA	Solid	8015NM Prep	
890-5998-39	CONFIRMAION BORING-1 60'	Total/NA	Solid	8015NM Prep	
890-5998-40	CONFIRMAION BORING-1 70'	Total/NA	Solid	8015NM Prep	
MB 880-71566/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71566/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71566/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-5998-22 MS	CONFIRMAION BORING-3 60'	Total/NA	Solid	8015NM Prep	
890-5998-22 MSD	CONFIRMAION BORING-3 60'	Total/NA	Solid	8015NM Prep	

Prep Batch: 71568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-41	CONFIRMAION BORING-1 80'	Total/NA	Solid	8015NM Prep	
890-5998-42	CONFIRMAION BORING-1 90'	Total/NA	Solid	8015NM Prep	
890-5998-43	CONFIRMAION BORING-1 100'	Total/NA	Solid	8015NM Prep	
890-5998-44	NEW BORING-4 10'	Total/NA	Solid	8015NM Prep	
890-5998-45	NEW BORING-4 15'	Total/NA	Solid	8015NM Prep	
890-5998-46	NEW BORING-4 20'	Total/NA	Solid	8015NM Prep	
890-5998-47	NEW BORING-4 25'	Total/NA	Solid	8015NM Prep	
890-5998-48	NEW BORING-4 30'	Total/NA	Solid	8015NM Prep	
890-5998-49	NEW BORING-4 40'	Total/NA	Solid	8015NM Prep	
890-5998-50	NEW BORING-4 50'	Total/NA	Solid	8015NM Prep	
890-5998-51	NEW BORING-1 10'	Total/NA	Solid	8015NM Prep	
890-5998-52	NEW BORING-1 15'	Total/NA	Solid	8015NM Prep	
890-5998-53	NEW BORING-1 20'	Total/NA	Solid	8015NM Prep	
890-5998-54	NEW BORING-1 25'	Total/NA	Solid	8015NM Prep	
890-5998-55	NEW BORING-1 30'	Total/NA	Solid	8015NM Prep	
890-5998-56	NEW BORING-1 40'	Total/NA	Solid	8015NM Prep	
890-5998-57	NEW BORING-1 50'	Total/NA	Solid	8015NM Prep	
890-5998-58	NEW BORING-2 10'	Total/NA	Solid	8015NM Prep	
890-5998-59	NEW BORING-2 15'	Total/NA	Solid	8015NM Prep	
890-5998-60	NEW BORING-2 20'	Total/NA	Solid	8015NM Prep	
MB 880-71568/1-A - RA2	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71568/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71568/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-5998-44 MS	NEW BORING-4 10'	Total/NA	Solid	8015NM Prep	
890-5998-44 MSD	NEW BORING-4 10'	Total/NA	Solid	8015NM Prep	

Prep Batch: 71569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-61	NEW BORING-2 25'	Total/NA	Solid	8015NM Prep	
890-5998-62	NEW BORING-2 30'	Total/NA	Solid	8015NM Prep	
890-5998-63	NEW BORING-2 40'	Total/NA	Solid	8015NM Prep	
890-5998-64	NEW BORING-2 50'	Total/NA	Solid	8015NM Prep	
MB 880-71569/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71569/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71569/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC Semi VOA (Continued)

Prep Batch: 71569 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-61 MS	NEW BORING-2 25'	Total/NA	Solid	8015NM Prep	
890-5998-61 MSD	NEW BORING-2 25'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 72087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-1	CONFIRMAION BORING-2 10'	Total/NA	Solid	8015B NM	71565
890-5998-2	CONFIRMAION BORING-2 15'	Total/NA	Solid	8015B NM	71565
890-5998-3	CONFIRMAION BORING-2 20'	Total/NA	Solid	8015B NM	71565
890-5998-4	CONFIRMAION BORING-2 25'	Total/NA	Solid	8015B NM	71565
890-5998-5	CONFIRMAION BORING-2 30'	Total/NA	Solid	8015B NM	71565
890-5998-6	CONFIRMAION BORING-2 35'	Total/NA	Solid	8015B NM	71565
890-5998-7	CONFIRMAION BORING-2 40'	Total/NA	Solid	8015B NM	71565
890-5998-8	CONFIRMAION BORING-2 45'	Total/NA	Solid	8015B NM	71565
890-5998-9	CONFIRMAION BORING-2 50'	Total/NA	Solid	8015B NM	71565
890-5998-10	CONFIRMAION BORING-2 60'	Total/NA	Solid	8015B NM	71565
890-5998-11	CONFIRMAION BORING-2 70'	Total/NA	Solid	8015B NM	71565
890-5998-12	CONFIRMAION BORING-2 80'	Total/NA	Solid	8015B NM	71565
890-5998-13	CONFIRMAION BORING-2 90'	Total/NA	Solid	8015B NM	71565
890-5998-14	CONFIRMAION BORING-2 100'	Total/NA	Solid	8015B NM	71565
890-5998-15	CONFIRMAION BORING-3 10'	Total/NA	Solid	8015B NM	71565
890-5998-16	CONFIRMAION BORING-3 15'	Total/NA	Solid	8015B NM	71565
890-5998-17	CONFIRMAION BORING-3 20'	Total/NA	Solid	8015B NM	71565
890-5998-18	CONFIRMAION BORING-3 25'	Total/NA	Solid	8015B NM	71565
890-5998-19	CONFIRMAION BORING-3 30'	Total/NA	Solid	8015B NM	71565
890-5998-20	CONFIRMAION BORING-3 40'	Total/NA	Solid	8015B NM	71565
890-5998-61	NEW BORING-2 25'	Total/NA	Solid	8015B NM	71569
890-5998-62	NEW BORING-2 30'	Total/NA	Solid	8015B NM	71569
890-5998-63	NEW BORING-2 40'	Total/NA	Solid	8015B NM	71569
890-5998-64	NEW BORING-2 50'	Total/NA	Solid	8015B NM	71569
MB 880-71565/1-A	Method Blank	Total/NA	Solid	8015B NM	71565
MB 880-71569/1-A	Method Blank	Total/NA	Solid	8015B NM	71569
LCS 880-71565/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71565
LCS 880-71569/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71569
LCSD 880-71565/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71565
LCSD 880-71569/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71569
890-5998-13 MS	CONFIRMAION BORING-2 90'	Total/NA	Solid	8015B NM	71565
890-5998-13 MSD	CONFIRMAION BORING-2 90'	Total/NA	Solid	8015B NM	71565
890-5998-61 MS	NEW BORING-2 25'	Total/NA	Solid	8015B NM	71569
890-5998-61 MSD	NEW BORING-2 25'	Total/NA	Solid	8015B NM	71569

Analysis Batch: 72196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-21	CONFIRMAION BORING-3 50'	Total/NA	Solid	8015B NM	71566
890-5998-22	CONFIRMAION BORING-3 60'	Total/NA	Solid	8015B NM	71566
890-5998-23	CONFIRMAION BORING-4 10'	Total/NA	Solid	8015B NM	71566
890-5998-24	CONFIRMAION BORING-4 15'	Total/NA	Solid	8015B NM	71566
890-5998-25	CONFIRMAION BORING-4 20'	Total/NA	Solid	8015B NM	71566
890-5998-26	CONFIRMAION BORING-4 25'	Total/NA	Solid	8015B NM	71566
890-5998-27	CONFIRMAION BORING-4 30'	Total/NA	Solid	8015B NM	71566
890-5998-28	CONFIRMAION BORING-4 40'	Total/NA	Solid	8015B NM	71566
890-5998-29	CONFIRMAION BORING-4 50'	Total/NA	Solid	8015B NM	71566

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC Semi VOA (Continued)

Analysis Batch: 72196 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-30	CONFIRMAION BORING-4 60'	Total/NA	Solid	8015B NM	71566
890-5998-31	CONFIRMAION BORING-4 70'	Total/NA	Solid	8015B NM	71566
890-5998-32	CONFIRMAION BORING-1 10'	Total/NA	Solid	8015B NM	71566
890-5998-33	CONFIRMAION BORING-1 15'	Total/NA	Solid	8015B NM	71566
890-5998-34	CONFIRMAION BORING-1 20'	Total/NA	Solid	8015B NM	71566
890-5998-35	CONFIRMAION BORING-1 25'	Total/NA	Solid	8015B NM	71566
890-5998-36	CONFIRMAION BORING-1 30'	Total/NA	Solid	8015B NM	71566
890-5998-37	CONFIRMAION BORING-1 40'	Total/NA	Solid	8015B NM	71566
890-5998-38	CONFIRMAION BORING-1 50'	Total/NA	Solid	8015B NM	71566
890-5998-39	CONFIRMAION BORING-1 60'	Total/NA	Solid	8015B NM	71566
890-5998-40	CONFIRMAION BORING-1 70'	Total/NA	Solid	8015B NM	71566
890-5998-41	CONFIRMAION BORING-1 80'	Total/NA	Solid	8015B NM	71568
890-5998-42	CONFIRMAION BORING-1 90'	Total/NA	Solid	8015B NM	71568
890-5998-43	CONFIRMAION BORING-1 100'	Total/NA	Solid	8015B NM	71568
890-5998-44	NEW BORING-4 10'	Total/NA	Solid	8015B NM	71568
890-5998-45	NEW BORING-4 15'	Total/NA	Solid	8015B NM	71568
890-5998-46	NEW BORING-4 20'	Total/NA	Solid	8015B NM	71568
890-5998-47	NEW BORING-4 25'	Total/NA	Solid	8015B NM	71568
890-5998-48	NEW BORING-4 30'	Total/NA	Solid	8015B NM	71568
890-5998-49	NEW BORING-4 40'	Total/NA	Solid	8015B NM	71568
890-5998-50	NEW BORING-4 50'	Total/NA	Solid	8015B NM	71568
890-5998-51	NEW BORING-1 10'	Total/NA	Solid	8015B NM	71568
890-5998-52	NEW BORING-1 15'	Total/NA	Solid	8015B NM	71568
890-5998-53	NEW BORING-1 20'	Total/NA	Solid	8015B NM	71568
890-5998-54	NEW BORING-1 25'	Total/NA	Solid	8015B NM	71568
890-5998-55	NEW BORING-1 30'	Total/NA	Solid	8015B NM	71568
890-5998-56	NEW BORING-1 40'	Total/NA	Solid	8015B NM	71568
890-5998-57	NEW BORING-1 50'	Total/NA	Solid	8015B NM	71568
890-5998-58	NEW BORING-2 10'	Total/NA	Solid	8015B NM	71568
890-5998-59	NEW BORING-2 15'	Total/NA	Solid	8015B NM	71568
890-5998-60	NEW BORING-2 20'	Total/NA	Solid	8015B NM	71568
MB 880-71566/1-A	Method Blank	Total/NA	Solid	8015B NM	71566
MB 880-71568/1-A - RA2	Method Blank	Total/NA	Solid	8015B NM	71568
LCS 880-71566/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71566
LCS 880-71568/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71568
LCSD 880-71566/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71566
LCSD 880-71568/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71568
890-5998-22 MS	CONFIRMAION BORING-3 60'	Total/NA	Solid	8015B NM	71566
890-5998-22 MSD	CONFIRMAION BORING-3 60'	Total/NA	Solid	8015B NM	71566
890-5998-44 MS	NEW BORING-4 10'	Total/NA	Solid	8015B NM	71568
890-5998-44 MSD	NEW BORING-4 10'	Total/NA	Solid	8015B NM	71568

Analysis Batch: 72229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-1	CONFIRMAION BORING-2 10'	Total/NA	Solid	8015 NM	
890-5998-2	CONFIRMAION BORING-2 15'	Total/NA	Solid	8015 NM	
890-5998-3	CONFIRMAION BORING-2 20'	Total/NA	Solid	8015 NM	
890-5998-4	CONFIRMAION BORING-2 25'	Total/NA	Solid	8015 NM	
890-5998-5	CONFIRMAION BORING-2 30'	Total/NA	Solid	8015 NM	
890-5998-6	CONFIRMAION BORING-2 35'	Total/NA	Solid	8015 NM	
890-5998-7	CONFIRMAION BORING-2 40'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC Semi VOA (Continued)

Analysis Batch: 72229 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-8	CONFIRMAION BORING-2 45'	Total/NA	Solid	8015 NM	
890-5998-9	CONFIRMAION BORING-2 50'	Total/NA	Solid	8015 NM	
890-5998-10	CONFIRMAION BORING-2 60'	Total/NA	Solid	8015 NM	
890-5998-11	CONFIRMAION BORING-2 70'	Total/NA	Solid	8015 NM	
890-5998-12	CONFIRMAION BORING-2 80'	Total/NA	Solid	8015 NM	
890-5998-13	CONFIRMAION BORING-2 90'	Total/NA	Solid	8015 NM	
890-5998-14	CONFIRMAION BORING-2 100'	Total/NA	Solid	8015 NM	
890-5998-15	CONFIRMAION BORING-3 10'	Total/NA	Solid	8015 NM	
890-5998-16	CONFIRMAION BORING-3 15'	Total/NA	Solid	8015 NM	
890-5998-17	CONFIRMAION BORING-3 20'	Total/NA	Solid	8015 NM	
890-5998-18	CONFIRMAION BORING-3 25'	Total/NA	Solid	8015 NM	
890-5998-19	CONFIRMAION BORING-3 30'	Total/NA	Solid	8015 NM	
890-5998-20	CONFIRMAION BORING-3 40'	Total/NA	Solid	8015 NM	
890-5998-21	CONFIRMAION BORING-3 50'	Total/NA	Solid	8015 NM	
890-5998-22	CONFIRMAION BORING-3 60'	Total/NA	Solid	8015 NM	
890-5998-23	CONFIRMAION BORING-4 10'	Total/NA	Solid	8015 NM	
890-5998-24	CONFIRMAION BORING-4 15'	Total/NA	Solid	8015 NM	
890-5998-25	CONFIRMAION BORING-4 20'	Total/NA	Solid	8015 NM	
890-5998-26	CONFIRMAION BORING-4 25'	Total/NA	Solid	8015 NM	
890-5998-27	CONFIRMAION BORING-4 30'	Total/NA	Solid	8015 NM	
890-5998-28	CONFIRMAION BORING-4 40'	Total/NA	Solid	8015 NM	
890-5998-29	CONFIRMAION BORING-4 50'	Total/NA	Solid	8015 NM	
890-5998-30	CONFIRMAION BORING-4 60'	Total/NA	Solid	8015 NM	
890-5998-31	CONFIRMAION BORING-4 70'	Total/NA	Solid	8015 NM	
890-5998-32	CONFIRMAION BORING-1 10'	Total/NA	Solid	8015 NM	
890-5998-33	CONFIRMAION BORING-1 15'	Total/NA	Solid	8015 NM	
890-5998-34	CONFIRMAION BORING-1 20'	Total/NA	Solid	8015 NM	
890-5998-35	CONFIRMAION BORING-1 25'	Total/NA	Solid	8015 NM	
890-5998-36	CONFIRMAION BORING-1 30'	Total/NA	Solid	8015 NM	
890-5998-37	CONFIRMAION BORING-1 40'	Total/NA	Solid	8015 NM	
890-5998-38	CONFIRMAION BORING-1 50'	Total/NA	Solid	8015 NM	
890-5998-39	CONFIRMAION BORING-1 60'	Total/NA	Solid	8015 NM	
890-5998-40	CONFIRMAION BORING-1 70'	Total/NA	Solid	8015 NM	
890-5998-41	CONFIRMAION BORING-1 80'	Total/NA	Solid	8015 NM	
890-5998-42	CONFIRMAION BORING-1 90'	Total/NA	Solid	8015 NM	
890-5998-43	CONFIRMAION BORING-1 100'	Total/NA	Solid	8015 NM	
890-5998-44	NEW BORING-4 10'	Total/NA	Solid	8015 NM	
890-5998-45	NEW BORING-4 15'	Total/NA	Solid	8015 NM	
890-5998-46	NEW BORING-4 20'	Total/NA	Solid	8015 NM	
890-5998-47	NEW BORING-4 25'	Total/NA	Solid	8015 NM	
890-5998-48	NEW BORING-4 30'	Total/NA	Solid	8015 NM	
890-5998-49	NEW BORING-4 40'	Total/NA	Solid	8015 NM	
890-5998-50	NEW BORING-4 50'	Total/NA	Solid	8015 NM	
890-5998-51	NEW BORING-1 10'	Total/NA	Solid	8015 NM	
890-5998-52	NEW BORING-1 15'	Total/NA	Solid	8015 NM	
890-5998-53	NEW BORING-1 20'	Total/NA	Solid	8015 NM	
890-5998-54	NEW BORING-1 25'	Total/NA	Solid	8015 NM	
890-5998-55	NEW BORING-1 30'	Total/NA	Solid	8015 NM	
890-5998-56	NEW BORING-1 40'	Total/NA	Solid	8015 NM	
890-5998-57	NEW BORING-1 50'	Total/NA	Solid	8015 NM	
890-5998-58	NEW BORING-2 10'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

GC Semi VOA (Continued)

Analysis Batch: 72229 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5998-59	NEW BORING-2 15'	Total/NA	Solid	8015 NM	
890-5998-60	NEW BORING-2 20'	Total/NA	Solid	8015 NM	
890-5998-61	NEW BORING-2 25'	Total/NA	Solid	8015 NM	
890-5998-62	NEW BORING-2 30'	Total/NA	Solid	8015 NM	
890-5998-63	NEW BORING-2 40'	Total/NA	Solid	8015 NM	
890-5998-64	NEW BORING-2 50'	Total/NA	Solid	8015 NM	

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 10'

Lab Sample ID: 890-5998-1
Matrix: Solid
Date Collected: 01/18/24 10:07
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	71951	01/30/24 17:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/30/24 17:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 21:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 21:54	SM	EET MID

Client Sample ID: CONFIRMAION BORING-2 15'

Lab Sample ID: 890-5998-2
Matrix: Solid
Date Collected: 01/18/24 10:15
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	71951	01/30/24 17:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/30/24 17:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 01:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/02/24 01:25	SM	EET MID

Client Sample ID: CONFIRMAION BORING-2 20'

Lab Sample ID: 890-5998-3
Matrix: Solid
Date Collected: 01/18/24 10:25
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71951	01/30/24 18:04	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	71951	01/31/24 10:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 10:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 02:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/02/24 02:28	SM	EET MID

Client Sample ID: CONFIRMAION BORING-2 25'

Lab Sample ID: 890-5998-4
Matrix: Solid
Date Collected: 01/18/24 10:35
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	71951	01/30/24 18:24	MNR	EET MID
Total/NA	Prep	5035			5.02 g	5 mL	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	71951	01/31/24 10:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 10:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 02:50	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 25'

Lab Sample ID: 890-5998-4
Matrix: Solid
Date Collected: 01/18/24 10:35
Date Received: 01/19/24 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/02/24 02:50	SM	EET MID

Client Sample ID: CONFIRMAION BORING-2 30'

Lab Sample ID: 890-5998-5
Matrix: Solid
Date Collected: 01/18/24 10:42
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	71951	01/30/24 18:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/30/24 18:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 23:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 23:18	SM	EET MID

Client Sample ID: CONFIRMAION BORING-2 35'

Lab Sample ID: 890-5998-6
Matrix: Solid
Date Collected: 01/18/24 10:51
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	71951	01/30/24 19:05	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	71951	01/31/24 10:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 10:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 01:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/02/24 01:46	SM	EET MID

Client Sample ID: CONFIRMAION BORING-2 40'

Lab Sample ID: 890-5998-7
Matrix: Solid
Date Collected: 01/18/24 11:00
Date Received: 01/19/24 14:17

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	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	71951	01/31/24 11:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 11:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 22:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 22:58	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 45'

Lab Sample ID: 890-5998-8
Matrix: Solid
Date Collected: 01/18/24 11:18
Date Received: 01/19/24 14:17

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	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	71951	01/31/24 11:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 11:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 03:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/02/24 03:11	SM	EET MID

Client Sample ID: CONFIRMAION BORING-2 50'

Lab Sample ID: 890-5998-9
Matrix: Solid
Date Collected: 01/18/24 11:30
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	71951	01/30/24 20:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/30/24 20:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 01:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/02/24 01:03	SM	EET MID

Client Sample ID: CONFIRMAION BORING-2 60'

Lab Sample ID: 890-5998-10
Matrix: Solid
Date Collected: 01/18/24 11:40
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	71951	01/30/24 20:27	MNR	EET MID
Total/NA	Prep	5035			5.02 g	5 mL	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	71951	01/31/24 11:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 11:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 22:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 22:15	SM	EET MID

Client Sample ID: CONFIRMAION BORING-2 70'

Lab Sample ID: 890-5998-11
Matrix: Solid
Date Collected: 01/18/24 13:30
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	71951	01/30/24 22:17	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	71951	01/31/24 12:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 12:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 00:01	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-2 70'
Lab Sample ID: 890-5998-11
Date Collected: 01/18/24 13:30
Matrix: Solid
Date Received: 01/19/24 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/02/24 00:01	SM	EET MID

Client Sample ID: CONFIRMAION BORING-2 80'
Lab Sample ID: 890-5998-12
Date Collected: 01/18/24 13:50
Matrix: Solid
Date Received: 01/19/24 14:17

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	71692	01/26/24 11:33	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	72000	01/31/24 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 19:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 21:12	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 21:12	SM	EET MID

Client Sample ID: CONFIRMAION BORING-2 90'
Lab Sample ID: 890-5998-13
Date Collected: 01/18/24 13:55
Matrix: Solid
Date Received: 01/19/24 14:17

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	71692	01/26/24 11:33	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	72000	01/31/24 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 19:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 20:08	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 20:08	SM	EET MID

Client Sample ID: CONFIRMAION BORING-2 100'
Lab Sample ID: 890-5998-14
Date Collected: 01/18/24 01:04
Matrix: Solid
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	71951	01/30/24 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/30/24 23:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 21:34	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 21:34	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-3 10'

Lab Sample ID: 890-5998-15
Matrix: Solid
Date Collected: 01/18/24 14:20
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71951	01/30/24 23:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/30/24 23:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 22:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 22:36	SM	EET MID

Client Sample ID: CONFIRMAION BORING-3 15'

Lab Sample ID: 890-5998-16
Matrix: Solid
Date Collected: 01/18/24 14:38
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71951	01/30/24 23:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/30/24 23:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 03:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	72087	02/02/24 03:31	SM	EET MID

Client Sample ID: CONFIRMAION BORING-3 20'

Lab Sample ID: 890-5998-17
Matrix: Solid
Date Collected: 01/18/24 14:44
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71951	01/31/24 00:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 00:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 23:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 23:39	SM	EET MID

Client Sample ID: CONFIRMAION BORING-3 25'

Lab Sample ID: 890-5998-18
Matrix: Solid
Date Collected: 01/18/24 14:54
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	71951	01/31/24 00:40	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	71951	01/31/24 12:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 12:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 03:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	72087	02/02/24 03:53	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-3 30'

Lab Sample ID: 890-5998-19
Matrix: Solid
Date Collected: 01/18/24 15:00
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	71951	01/31/24 01:00	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	72049	01/31/24 12:30	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	72043	02/01/24 07:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 07:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 02:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/02/24 02:07	SM	EET MID

Client Sample ID: CONFIRMAION BORING-3 40'

Lab Sample ID: 890-5998-20
Matrix: Solid
Date Collected: 01/18/24 15:10
Date Received: 01/19/24 14:17

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	71636	01/25/24 18:04	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	71951	01/31/24 01:21	MNR	EET MID
Total/NA	Prep	5035			4.97 g	5 mL	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	71951	01/31/24 12:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 12:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 00:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71565	01/25/24 09:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/02/24 00:42	SM	EET MID

Client Sample ID: CONFIRMAION BORING-3 50'

Lab Sample ID: 890-5998-21
Matrix: Solid
Date Collected: 01/18/24 15:27
Date Received: 01/19/24 14:17

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	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71999	01/31/24 12:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 22:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 22:36	SM	EET MID

Client Sample ID: CONFIRMAION BORING-3 60'

Lab Sample ID: 890-5998-22
Matrix: Solid
Date Collected: 01/18/24 15:35
Date Received: 01/19/24 14:17

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	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71999	01/31/24 12:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 12:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 21:26	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-3 60'

Lab Sample ID: 890-5998-22
Matrix: Solid
Date Collected: 01/18/24 15:35
Date Received: 01/19/24 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 21:26	SM	EET MID

Client Sample ID: CONFIRMAION BORING-4 10'

Lab Sample ID: 890-5998-23
Matrix: Solid
Date Collected: 01/18/24 11:18
Date Received: 01/19/24 14:17

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	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71999	01/31/24 13:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 13:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 22:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 22:58	SM	EET MID

Client Sample ID: CONFIRMAION BORING-4 15'

Lab Sample ID: 890-5998-24
Matrix: Solid
Date Collected: 01/18/24 11:24
Date Received: 01/19/24 14:17

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	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71999	01/31/24 13:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 13:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 23:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 23:22	SM	EET MID

Client Sample ID: CONFIRMAION BORING-4 20'

Lab Sample ID: 890-5998-25
Matrix: Solid
Date Collected: 01/18/24 11:32
Date Received: 01/19/24 14:17

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	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71999	01/31/24 14:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 14:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 23:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 23:45	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-4 25'
Lab Sample ID: 890-5998-26
Date Collected: 01/18/24 12:40
Matrix: Solid
Date Received: 01/19/24 14:17

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	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71999	01/31/24 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 14:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 00:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/03/24 00:07	SM	EET MID

Client Sample ID: CONFIRMAION BORING-4 30'
Lab Sample ID: 890-5998-27
Date Collected: 01/18/24 12:50
Matrix: Solid
Date Received: 01/19/24 14:17

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	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71999	01/31/24 14:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 14:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 00:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/03/24 00:30	SM	EET MID

Client Sample ID: CONFIRMAION BORING-4 40'
Lab Sample ID: 890-5998-28
Date Collected: 01/18/24 13:00
Matrix: Solid
Date Received: 01/19/24 14:17

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	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71999	01/31/24 15:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 15:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 00:53	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/03/24 00:53	SM	EET MID

Client Sample ID: CONFIRMAION BORING-4 50'
Lab Sample ID: 890-5998-29
Date Collected: 01/18/24 13:18
Matrix: Solid
Date Received: 01/19/24 14:17

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	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71999	01/31/24 15:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 15:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 01:17	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/03/24 01:17	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-4 60'

Lab Sample ID: 890-5998-30
Matrix: Solid
Date Collected: 01/18/24 13:37
Date Received: 01/19/24 14:17

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	71830	01/29/24 13:34	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	72093	02/01/24 11:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 11:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 01:41	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/03/24 01:41	SM	EET MID

Client Sample ID: CONFIRMAION BORING-4 70'

Lab Sample ID: 890-5998-31
Matrix: Solid
Date Collected: 01/18/24 14:00
Date Received: 01/19/24 14:17

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	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71999	01/31/24 16:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 16:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 02:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/03/24 02:28	SM	EET MID

Client Sample ID: CONFIRMAION BORING-1 10'

Lab Sample ID: 890-5998-32
Matrix: Solid
Date Collected: 01/18/24 08:55
Date Received: 01/19/24 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	71830	01/29/24 13:34	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72093	02/01/24 11:55	MNR	EET MID
Total/NA	Prep	5035			5.02 g	5 mL	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71999	01/31/24 18:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 11:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 03:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	72196	02/03/24 03:54	SM	EET MID

Client Sample ID: CONFIRMAION BORING-1 15'

Lab Sample ID: 890-5998-33
Matrix: Solid
Date Collected: 01/18/24 09:00
Date Received: 01/19/24 14:17

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	71830	01/29/24 13:34	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72093	02/01/24 12:16	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71999	01/31/24 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 12:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 04:15	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-1 15'

Lab Sample ID: 890-5998-33
Matrix: Solid
Date Collected: 01/18/24 09:00
Date Received: 01/19/24 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	72196	02/03/24 04:15	SM	EET MID

Client Sample ID: CONFIRMAION BORING-1 20'

Lab Sample ID: 890-5998-34
Matrix: Solid
Date Collected: 01/18/24 09:05
Date Received: 01/19/24 14:17

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	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71999	01/31/24 19:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 19:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 02:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/03/24 02:50	SM	EET MID

Client Sample ID: CONFIRMAION BORING-1 25'

Lab Sample ID: 890-5998-35
Matrix: Solid
Date Collected: 01/18/24 09:15
Date Received: 01/19/24 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	71830	01/29/24 13:34	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72093	02/01/24 12:36	MNR	EET MID
Total/NA	Prep	5035			4.98 g	5 mL	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71999	01/31/24 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 12:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 03:11	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/03/24 03:11	SM	EET MID

Client Sample ID: CONFIRMAION BORING-1 30'

Lab Sample ID: 890-5998-36
Matrix: Solid
Date Collected: 01/18/24 09:25
Date Received: 01/19/24 14:17

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	71830	01/29/24 13:34	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72093	02/01/24 12:57	MNR	EET MID
Total/NA	Prep	5035			5.02 g	5 mL	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71999	01/31/24 20:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 12:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 05:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	72196	02/03/24 05:21	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-1 40'

Lab Sample ID: 890-5998-37
Matrix: Solid
Date Collected: 01/18/24 09:35
Date Received: 01/19/24 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	71830	01/29/24 13:34	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72093	02/01/24 13:17	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71999	01/31/24 20:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 13:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 05:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	72196	02/03/24 05:42	SM	EET MID

Client Sample ID: CONFIRMAION BORING-1 50'

Lab Sample ID: 890-5998-38
Matrix: Solid
Date Collected: 01/18/24 09:45
Date Received: 01/19/24 14:17

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	71830	01/29/24 13:34	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72093	02/01/24 13:38	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71999	01/31/24 20:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 13:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 04:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	72196	02/03/24 04:36	SM	EET MID

Client Sample ID: CONFIRMAION BORING-1 60'

Lab Sample ID: 890-5998-39
Matrix: Solid
Date Collected: 01/18/24 10:00
Date Received: 01/19/24 14:17

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	71830	01/29/24 13:34	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72093	02/01/24 13:58	MNR	EET MID
Total/NA	Prep	5035			4.97 g	5 mL	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71999	01/31/24 21:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 13:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 03:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/03/24 03:32	SM	EET MID

Client Sample ID: CONFIRMAION BORING-1 70'

Lab Sample ID: 890-5998-40
Matrix: Solid
Date Collected: 01/18/24 10:25
Date Received: 01/19/24 14:17

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	71830	01/29/24 13:34	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72093	02/01/24 14:19	MNR	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: CONFIRMAION BORING-1 70'

Lab Sample ID: 890-5998-40
Matrix: Solid
Date Collected: 01/18/24 10:25
Date Received: 01/19/24 14:17

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	71638	01/25/24 18:05	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	71999	01/31/24 21:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 14:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/03/24 04:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71566	01/25/24 09:10	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	72196	02/03/24 04:59	SM	EET MID

Client Sample ID: CONFIRMAION BORING-1 80'

Lab Sample ID: 890-5998-41
Matrix: Solid
Date Collected: 01/18/24 10:35
Date Received: 01/19/24 14:17

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	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	71951	01/31/24 08:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 08:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 12:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 12:28	SM	EET MID

Client Sample ID: CONFIRMAION BORING-1 90'

Lab Sample ID: 890-5998-42
Matrix: Solid
Date Collected: 01/18/24 10:40
Date Received: 01/19/24 14:17

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	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71951	01/31/24 04:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 04:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 12:51	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 12:51	SM	EET MID

Client Sample ID: CONFIRMAION BORING-1 100'

Lab Sample ID: 890-5998-43
Matrix: Solid
Date Collected: 01/18/24 10:50
Date Received: 01/19/24 14:17

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	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71951	01/31/24 07:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 07:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 13:12	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 13:12	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-4 10'

Lab Sample ID: 890-5998-44
Matrix: Solid
Date Collected: 01/18/24 14:03
Date Received: 01/19/24 14:17

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	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71951	01/31/24 05:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 05:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 11:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 11:19	SM	EET MID

Client Sample ID: NEW BORING-4 15'

Lab Sample ID: 890-5998-45
Matrix: Solid
Date Collected: 01/18/24 14:20
Date Received: 01/19/24 14:17

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	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71951	01/31/24 05:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 05:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 13:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 13:35	SM	EET MID

Client Sample ID: NEW BORING-4 20'

Lab Sample ID: 890-5998-46
Matrix: Solid
Date Collected: 01/18/24 09:03
Date Received: 01/19/24 14:17

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	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71951	01/31/24 06:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 06:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 14:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 14:00	SM	EET MID

Client Sample ID: NEW BORING-4 25'

Lab Sample ID: 890-5998-47
Matrix: Solid
Date Collected: 01/18/24 09:06
Date Received: 01/19/24 14:17

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	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71951	01/31/24 06:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 06:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 14:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 14:21	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-4 30'

Lab Sample ID: 890-5998-48
Matrix: Solid
Date Collected: 01/18/24 09:13
Date Received: 01/19/24 14:17

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	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71951	01/31/24 06:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 06:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 14:43	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 14:43	SM	EET MID

Client Sample ID: NEW BORING-4 40'

Lab Sample ID: 890-5998-49
Matrix: Solid
Date Collected: 01/18/24 09:20
Date Received: 01/19/24 14:17

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	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71951	01/31/24 07:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 07:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 15:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 15:06	SM	EET MID

Client Sample ID: NEW BORING-4 50'

Lab Sample ID: 890-5998-50
Matrix: Solid
Date Collected: 01/18/24 09:30
Date Received: 01/19/24 14:17

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	71639	01/25/24 18:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71951	01/31/24 07:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 07:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 15:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 15:28	SM	EET MID

Client Sample ID: NEW BORING-1 10'

Lab Sample ID: 890-5998-51
Matrix: Solid
Date Collected: 01/18/24 09:42
Date Received: 01/19/24 14:17

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	72014	01/31/24 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72043	01/31/24 22:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 22:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 16:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 16:13	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-1 15'

Lab Sample ID: 890-5998-52
Matrix: Solid
Date Collected: 01/18/24 10:00
Date Received: 01/19/24 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	72014	01/31/24 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72043	01/31/24 22:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 22:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 16:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 16:37	SM	EET MID

Client Sample ID: NEW BORING-1 20'

Lab Sample ID: 890-5998-53
Matrix: Solid
Date Collected: 01/18/24 10:19
Date Received: 01/19/24 14:17

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	72014	01/31/24 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72043	01/31/24 22:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 22:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 17:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 17:00	SM	EET MID

Client Sample ID: NEW BORING-1 25'

Lab Sample ID: 890-5998-54
Matrix: Solid
Date Collected: 01/18/24 10:23
Date Received: 01/19/24 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	72014	01/31/24 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72043	01/31/24 23:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 23:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 17:24	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 17:24	SM	EET MID

Client Sample ID: NEW BORING-1 30'

Lab Sample ID: 890-5998-55
Matrix: Solid
Date Collected: 01/18/24 10:30
Date Received: 01/19/24 14:17

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	72014	01/31/24 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72043	01/31/24 23:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 23:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 17:47	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 17:47	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-1 40'

Lab Sample ID: 890-5998-56
Matrix: Solid
Date Collected: 01/18/24 10:45
Date Received: 01/19/24 14:17

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	72014	01/31/24 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72043	01/31/24 23:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/31/24 23:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 18:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 18:09	SM	EET MID

Client Sample ID: NEW BORING-1 50'

Lab Sample ID: 890-5998-57
Matrix: Solid
Date Collected: 01/18/24 10:55
Date Received: 01/19/24 14:17

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	72014	01/31/24 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72043	02/01/24 00:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 00:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 18:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 18:32	SM	EET MID

Client Sample ID: NEW BORING-2 10'

Lab Sample ID: 890-5998-58
Matrix: Solid
Date Collected: 01/18/24 11:07
Date Received: 01/19/24 14:17

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	72014	01/31/24 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72043	02/01/24 00:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 00:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 18:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 18:54	SM	EET MID

Client Sample ID: NEW BORING-2 15'

Lab Sample ID: 890-5998-59
Matrix: Solid
Date Collected: 01/18/24 11:22
Date Received: 01/19/24 14:17

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	72014	01/31/24 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72043	02/01/24 00:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 00:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 19:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 19:16	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-2 20'

Lab Sample ID: 890-5998-60
Matrix: Solid
Date Collected: 01/18/24 11:23
Date Received: 01/19/24 14:17

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	72014	01/31/24 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72043	02/01/24 01:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	02/01/24 01:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/02/24 19:38	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	71568	01/25/24 09:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72196	02/02/24 19:38	SM	EET MID

Client Sample ID: NEW BORING-2 25'

Lab Sample ID: 890-5998-61
Matrix: Solid
Date Collected: 01/18/24 11:24
Date Received: 01/19/24 14:17

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	71690	01/26/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71764	01/29/24 03:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/29/24 03:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 10:35	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	71569	01/25/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 10:35	SM	EET MID

Client Sample ID: NEW BORING-2 30'

Lab Sample ID: 890-5998-62
Matrix: Solid
Date Collected: 01/18/24 11:25
Date Received: 01/19/24 14:17

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	71690	01/26/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71764	01/29/24 04:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/29/24 04:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 11:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71569	01/25/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 11:39	SM	EET MID

Client Sample ID: NEW BORING-2 40'

Lab Sample ID: 890-5998-63
Matrix: Solid
Date Collected: 01/18/24 11:26
Date Received: 01/19/24 14:17

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	71690	01/26/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71764	01/29/24 04:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/29/24 04:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71569	01/25/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 12:00	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Client Sample ID: NEW BORING-2 50'

Lab Sample ID: 890-5998-64
Matrix: Solid
Date Collected: 01/18/24 11:27
Date Received: 01/19/24 14:17

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	71690	01/26/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71764	01/29/24 04:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/29/24 04:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			72229	02/01/24 12:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71569	01/25/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72087	02/01/24 12:22	SM	EET MID

Client Sample ID: TB-01-19-2024-01

Lab Sample ID: 890-5998-65
Matrix: Water
Date Collected: 01/18/24 12:00
Date Received: 01/19/24 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/30/24 05:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/30/24 05:33	SM	EET MID

Client Sample ID: TB-01-19-2024-02

Lab Sample ID: 890-5998-66
Matrix: Water
Date Collected: 01/18/24 12:05
Date Received: 01/19/24 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/30/24 05:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71825	01/30/24 05:54	SM	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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	T104704400-23-26	06-30-24

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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX
Total BTEX		Water	Total BTEX

Method Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

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
5030B	Purge and Trap	SW846	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID

Protocol References:

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: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-5998-1	CONFIRMAION BORING-2 10'	Solid	01/18/24 10:07	01/19/24 14:17
890-5998-2	CONFIRMAION BORING-2 15'	Solid	01/18/24 10:15	01/19/24 14:17
890-5998-3	CONFIRMAION BORING-2 20'	Solid	01/18/24 10:25	01/19/24 14:17
890-5998-4	CONFIRMAION BORING-2 25'	Solid	01/18/24 10:35	01/19/24 14:17
890-5998-5	CONFIRMAION BORING-2 30'	Solid	01/18/24 10:42	01/19/24 14:17
890-5998-6	CONFIRMAION BORING-2 35'	Solid	01/18/24 10:51	01/19/24 14:17
890-5998-7	CONFIRMAION BORING-2 40'	Solid	01/18/24 11:00	01/19/24 14:17
890-5998-8	CONFIRMAION BORING-2 45'	Solid	01/18/24 11:18	01/19/24 14:17
890-5998-9	CONFIRMAION BORING-2 50'	Solid	01/18/24 11:30	01/19/24 14:17
890-5998-10	CONFIRMAION BORING-2 60'	Solid	01/18/24 11:40	01/19/24 14:17
890-5998-11	CONFIRMAION BORING-2 70'	Solid	01/18/24 13:30	01/19/24 14:17
890-5998-12	CONFIRMAION BORING-2 80'	Solid	01/18/24 13:50	01/19/24 14:17
890-5998-13	CONFIRMAION BORING-2 90'	Solid	01/18/24 13:55	01/19/24 14:17
890-5998-14	CONFIRMAION BORING-2 100'	Solid	01/18/24 01:04	01/19/24 14:17
890-5998-15	CONFIRMAION BORING-3 10'	Solid	01/18/24 14:20	01/19/24 14:17
890-5998-16	CONFIRMAION BORING-3 15'	Solid	01/18/24 14:38	01/19/24 14:17
890-5998-17	CONFIRMAION BORING-3 20'	Solid	01/18/24 14:44	01/19/24 14:17
890-5998-18	CONFIRMAION BORING-3 25'	Solid	01/18/24 14:54	01/19/24 14:17
890-5998-19	CONFIRMAION BORING-3 30'	Solid	01/18/24 15:00	01/19/24 14:17
890-5998-20	CONFIRMAION BORING-3 40'	Solid	01/18/24 15:10	01/19/24 14:17
890-5998-21	CONFIRMAION BORING-3 50'	Solid	01/18/24 15:27	01/19/24 14:17
890-5998-22	CONFIRMAION BORING-3 60'	Solid	01/18/24 15:35	01/19/24 14:17
890-5998-23	CONFIRMAION BORING-4 10'	Solid	01/18/24 11:18	01/19/24 14:17
890-5998-24	CONFIRMAION BORING-4 15'	Solid	01/18/24 11:24	01/19/24 14:17
890-5998-25	CONFIRMAION BORING-4 20'	Solid	01/18/24 11:32	01/19/24 14:17
890-5998-26	CONFIRMAION BORING-4 25'	Solid	01/18/24 12:40	01/19/24 14:17
890-5998-27	CONFIRMAION BORING-4 30'	Solid	01/18/24 12:50	01/19/24 14:17
890-5998-28	CONFIRMAION BORING-4 40'	Solid	01/18/24 13:00	01/19/24 14:17
890-5998-29	CONFIRMAION BORING-4 50'	Solid	01/18/24 13:18	01/19/24 14:17
890-5998-30	CONFIRMAION BORING-4 60'	Solid	01/18/24 13:37	01/19/24 14:17
890-5998-31	CONFIRMAION BORING-4 70'	Solid	01/18/24 14:00	01/19/24 14:17
890-5998-32	CONFIRMAION BORING-1 10'	Solid	01/18/24 08:55	01/19/24 14:17
890-5998-33	CONFIRMAION BORING-1 15'	Solid	01/18/24 09:00	01/19/24 14:17
890-5998-34	CONFIRMAION BORING-1 20'	Solid	01/18/24 09:05	01/19/24 14:17
890-5998-35	CONFIRMAION BORING-1 25'	Solid	01/18/24 09:15	01/19/24 14:17
890-5998-36	CONFIRMAION BORING-1 30'	Solid	01/18/24 09:25	01/19/24 14:17
890-5998-37	CONFIRMAION BORING-1 40'	Solid	01/18/24 09:35	01/19/24 14:17
890-5998-38	CONFIRMAION BORING-1 50'	Solid	01/18/24 09:45	01/19/24 14:17
890-5998-39	CONFIRMAION BORING-1 60'	Solid	01/18/24 10:00	01/19/24 14:17
890-5998-40	CONFIRMAION BORING-1 70'	Solid	01/18/24 10:25	01/19/24 14:17
890-5998-41	CONFIRMAION BORING-1 80'	Solid	01/18/24 10:35	01/19/24 14:17
890-5998-42	CONFIRMAION BORING-1 90'	Solid	01/18/24 10:40	01/19/24 14:17
890-5998-43	CONFIRMAION BORING-1 100'	Solid	01/18/24 10:50	01/19/24 14:17
890-5998-44	NEW BORING-4 10'	Solid	01/18/24 14:03	01/19/24 14:17
890-5998-45	NEW BORING-4 15'	Solid	01/18/24 14:20	01/19/24 14:17
890-5998-46	NEW BORING-4 20'	Solid	01/18/24 09:03	01/19/24 14:17
890-5998-47	NEW BORING-4 25'	Solid	01/18/24 09:06	01/19/24 14:17
890-5998-48	NEW BORING-4 30'	Solid	01/18/24 09:13	01/19/24 14:17
890-5998-49	NEW BORING-4 40'	Solid	01/18/24 09:20	01/19/24 14:17
890-5998-50	NEW BORING-4 50'	Solid	01/18/24 09:30	01/19/24 14:17
890-5998-51	NEW BORING-1 10'	Solid	01/18/24 09:42	01/19/24 14:17
890-5998-52	NEW BORING-1 15'	Solid	01/18/24 10:00	01/19/24 14:17
890-5998-53	NEW BORING-1 20'	Solid	01/18/24 10:19	01/19/24 14:17
890-5998-54	NEW BORING-1 25'	Solid	01/18/24 10:23	01/19/24 14:17

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU

Job ID: 890-5998-1
SDG: 568435

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-5998-55	NEW BORING-1 30'	Solid	01/18/24 10:30	01/19/24 14:17
890-5998-56	NEW BORING-1 40'	Solid	01/18/24 10:45	01/19/24 14:17
890-5998-57	NEW BORING-1 50'	Solid	01/18/24 10:55	01/19/24 14:17
890-5998-58	NEW BORING-2 10'	Solid	01/18/24 11:07	01/19/24 14:17
890-5998-59	NEW BORING-2 15'	Solid	01/18/24 11:22	01/19/24 14:17
890-5998-60	NEW BORING-2 20'	Solid	01/18/24 11:23	01/19/24 14:17
890-5998-61	NEW BORING-2 25'	Solid	01/18/24 11:24	01/19/24 14:17
890-5998-62	NEW BORING-2 30'	Solid	01/18/24 11:25	01/19/24 14:17
890-5998-63	NEW BORING-2 40'	Solid	01/18/24 11:26	01/19/24 14:17
890-5998-64	NEW BORING-2 50'	Solid	01/18/24 11:27	01/19/24 14:17
890-5998-65	TB-01-19-2024-01	Water	01/18/24 12:00	01/19/24 14:17
890-5998-66	TB-01-19-2024-02	Water	01/18/24 12:05	01/19/24 14:17

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Loc: 890
5998

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

890-5998 Chain of Custody

5998

Page 1 of 9

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr., Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trccompanies.com

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	Prog. Code
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nichay	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes No
Samples Received Intact:	(Yes) No	Thermometer ID:	TNM001
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	0.6
Total Containers:		Corrected Temperature:	0.4

ANALYSIS REQUEST

Preservative Codes
None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M	Sample Comments
Confirmation Boring-2@10'	S	1.17.24	1007	10	G	1	X	X	
Confirmation Boring-2@15'	S	1.17.24	1015	15	G	1	X	X	
Confirmation Boring-2@20'	S	1.17.24	1025	20	G	1	X	X	
Confirmation Boring-2@25'	S	1.17.24	1035	25	G	1	X	X	
Confirmation Boring-2@30'	S	1.17.24	1042	30	G	1	X	X	
Confirmation Boring-2@35'	S	1.17.24	1051	35	G	1	X	X	
Confirmation Boring-2@40'	S	1.17.24	1100	40	G	1	X	X	
Confirmation Boring-2@45'	S	1.17.24	1118	45	G	1	X	X	
Confirmation Boring-2@50'	S	1.17.24	1130	50	G	1	X	X	
Confirmation Boring-2@60'	S	1.17.24	1140	60	G	1	X	X	

66

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert		1/19/24 1402	2 Burns	1/19 1405	
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 2 of 9

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr., Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@TRCcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Niehay	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	TAMOO	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.6	
Total Containers:		Corrected Temperature:	-0.4	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	Parameters: TPH 8015M
Confirmation Boring-2@70'	S	1.17.24	1330	70	G	1		X	X
Confirmation Boring-2@80'	S	1.17.24	1350	80	G	1		X	X
Confirmation Boring-2@90'	S	1.17.24	1355	90	G	1		X	X
Confirmation Boring-2@100'	S	1.17.24	1404	100	G	1		X	X
Confirmation Boring-3@10'	S	1.17.24	1490	10	G	1		X	X
Confirmation Boring-3@15'	S	1.17.24	1438	15	G	1		X	X
Confirmation Boring-3@20'	S	1.17.24	1444	20	G	1		X	X
Confirmation Boring-3@25'	S	1.17.24	1454	25	G	1		X	X
Confirmation Boring-3@35'	S	1.17.24	1500	30	G	1		X	X
Confirmation Boring-3@40'	S	1.17.24	1510	40	G	1		X	X

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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1		1/19/24 1402	3	1/19 1405	
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr., Ste. 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trccompanies.com

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	☑ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP BKU	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Nieha		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes No
Samples Received Intact:	(Yes) No	Thermometer ID:	TNN002
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	0.9
Total Containers:		Corrected Temperature:	0.9

Preservative Codes
None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Sample Comments
ConfirmationBoring-2@50'	S	1.17.24	1527	50	G	1		X	X	
ConfirmationBoring-3@60'	S	1.17.24	1535	60	G	1		X	X	
ConfirmationBoring-4@10'	S	1.18.24	1118	10	G	1		X	X	
ConfirmationBoring-4@15'	S	1.18.24	1124	15	G	1		X	X	
ConfirmationBoring-4@20'	S	1.18.24	1132	20	G	1		X	X	
ConfirmationBoring-4@25'	S	1.18.24	1240	25	G	1		X	X	
ConfirmationBoring-4@30'	S	1.18.24	1250	30	G	1		X	X	
ConfirmationBoring-4@40'	S	1.18.24	1300	40	G	1		X	X	
ConfirmationBoring-4@50'	S	1.18.24	1318	50	G	1		X	X	
ConfirmationBoring-4@60'	S	1.18.24	1337	60	G	1		X	X	

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			1/19/24 1402			
2					1/19 1405	
3						
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Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

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El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr., Ste. 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003 Email:	jstoffel@trcompanies.com	

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	Pres. Code
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nichay	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	Yes No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR#6C
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.6
Total Containers:	6	Corrected Temperature:	2.4

ANALYSIS REQUEST

Preservative Codes
None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	Parameters: TPH 8015M	Sample Comments
Confirmation Boring-4 @ 70'	S	1.18.24	1400	70	G	1	X	X	
Confirmation Boring-1 @ 10'	S	1.18.24	0855	10	G	1	X	X	
Confirmation Boring-1 @ 15'	S	1.18.24	0900	15	G	1	X	X	
Confirmation Boring-1 @ 20'	S	1.18.24	0905	20	G	1	X	X	
Confirmation Boring-1 @ 25'	S	1.18.24	0915	25	G	1	X	X	
Confirmation Boring-1 @ 30'	S	1.18.24	0925	30	G	1	X	X	
Confirmation Boring-1 @ 40'	S	1.18.24	0935	40	G	1	X	X	
Confirmation Boring-1 @ 50'	S	1.18.24	0945	50	G	1	X	X	
Confirmation Boring-1 @ 60'	S	1.18.24	1000	60	G	1	X	X	
Confirmation Boring-1 @ 70'	S	1.18.24	1025	70	G	1	X	X	

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1/19/24 1402	2	1/19 14	
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr., Ste. 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trcompanies.com

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	☑ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP BKU	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Nichay		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	Tumad	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	0.6	
Total Containers:		Corrected Temperature:	0.4	

Preservative Codes
None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	Parameters: TPH 8015M
Confirmation Boring - 1 @ 80'	S	1.18.24	1035	80	G	1		X	X
Confirmation Boring - 2 @ 90'	S	1.18.24	1040	90	G	1		X	X
Confirmation Boring - 3 @ 100'	S	1.18.24	1050	100	G	1		X	X
New Boring - 4 @ 10'	S	1.18.24	1420	10	G	1		X	X
New Boring - 4 @ 15'	S	1.18.24	1426	15	G	1		X	X
New Boring - 4 @ 20'	S	1.18.24	1430	20	G	1		X	X
New Boring - 4 @ 25'	S	1.18.24	1440	25	G	1		X	X
New Boring - 4 @ 30'	S	1.18.24	1450	30	G	1		X	X
New Boring - 4 @ 40'	S	1.18.24	1503	40	G	1		X	X
New Boring - 4 @ 50'	S	1.18.24	1520	50	G	1		X	X

ANALYSIS REQUEST

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1/19/24 1402	2	1/19 1405	
3			4		
5			6		

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr., Ste. 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003 Email:	jstoffel@trccompanies.com	

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKV	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKV	Due Date:	
Sampler's Name:	Robert Nichay	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	TAMOO7	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	0.9	
Total Containers:		Corrected Temperature:	0.7	

Preservative Codes
None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8+HB	BTEX 8021B	TPH 8015M	Sample Comments
New Boring-1 @10'	S	1.19.24	0903	10	G	1			X	X	
New Boring-1 @15'	S	1.19.24	0906	15	G	1			X	X	
New Boring-1 @20'	S	1.19.24	0913	20	G	1			X	X	
New Boring-1 @25'	S	1.19.24	0920	25	G	1			X	X	
New Boring-1 @30'	S	1.19.24	0930	30	G	1			X	X	
New Boring-1 @40'	S	1.19.24	0942	40	G	1			X	X	
New Boring-1 @50'	S	1.19.24	1000	50	G	1			X	X	
New Boring-2 @10'	S	1.19.24	1019	10	G	1			X	X	
New Boring-2 @15'	S	1.19.24	1023	15	G	1			X	X	
New Boring-2 @20'	S	1.19.24	1030	20	G	1			X	X	

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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1		1/19/24 1402	2	1/19 1405	
3			4		
5			6		

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr., Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trccompanies.com

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	☑ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP BKU	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Nieliay		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	TMOC
Cooler Custody Seals:	Yes No N/A	Correction Factor:	0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	0.5
Total Containers:		Corrected Temperature:	0.7

Preservative Codes
None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	Parameters: TPH 8015M	Sample Comments
NewBoring-2@25'	S	1.19.24	1045	25	G	1	X	XX	
NewBoring-2@30'	S	1.19.24	1055	30	G	1	X	XX	
NewBoring-2@40'	S	1.19.24	1107	40	G	1	X	XX	
NewBoring-2@50'	S	1.19.24	1122	50	G	1	X	XX	

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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1		1/19/24 1402	2	1/19 14	
3			4		
5			6		

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Little Rock, AR (501) 224-5060

Work Order No: _____

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr., Ste. 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nichay	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No		Thermometer ID:	TMCC	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	0.2	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	0.6	
Total Containers:			Corrected Temperature:	0.4	

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	Sample Comments
TB_01_19_2024_01								X	

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1/19/24 1402	2	1/19 1405	
3			4		
5			6		

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

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Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr., Ste 250	Address:	
City, State ZIP:	Austin TX 78752	City, State ZIP:	
Phone:	432-238-3003 Email:	jstoffel@trcompanies.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☐Routine ☐Rush	Pres. Code
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nichay	TAT starts the day received by the lab, if received by 4:30pm	
P.O. #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	TWMOC
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	0.6
Total Containers:		Corrected Temperature:	0.4

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BTEX 8021B
TB_01_19_2024_02							X

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1/19/24 1402	2	1/19 1803	
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-5998-1
SDG Number: 568435

Login Number: 5998
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	Did not receive all required containers.
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: TRC Solutions, Inc.

Job Number: 890-5998-1
SDG Number: 568435

Login Number: 5998
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 01/23/24 12:33 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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 2/22/2024 2:08:29 PM Revision 2

JOB DESCRIPTION

COP BKU 568435

JOB NUMBER

830-4819-1

Eurofins El Paso
200 East Sunset Rd.
Suite E
El Paso TX 79922

See page two for job notes and contact information.

Released to Imaging: 1/10/2025 10:56:20 AM

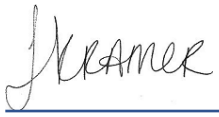
Eurofins El Paso

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
2/22/2024 2:08:29 PM
Revision 2

Authorized for release by
Jessica Kramer, Project Manager
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(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Laboratory Job ID: 830-4819-1

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 10
Surrogate Summary 88
QC Sample Results 95
QC Association Summary 123
Lab Chronicle 144
Certification Summary 174
Method Summary 175
Sample Summary 176
Chain of Custody 179
Receipt Checklists 204

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
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)

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: TRC Solutions, Inc.
Project: COP BKU 568435

Job ID: 830-4819-1

Job ID: 830-4819-1 Eurofins El Paso

Job Narrative
830-4819-1

REVISION

The report being provided is a revision of the original report sent on 2/16/2024. The report (revision 2) is being revised due to Per client email, requestin chloride ran on deeper sample.

Report revision history
Revision 1 - 2/20/2024 - Reason - per client email requesting chloride be ran on sample Confirmation Boring 2 @ 3".

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 1/25/2024 1:43 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 -0.4°C.

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-71786 and analytical batch 880-71848 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-5998-A-65 MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 880-71848 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 880-72315 recovered outside control limits for the following analytes: MTBE.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-71865 and analytical batch 880-72266 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-71849 and analytical batch 880-72197 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-72197 recovered under the lower control limit for Benzene, m,p-Xylenes and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following samples were outside control limits: New Boring 7- @ 30' (830-4819-43), New Boring 8- @ 10' (830-4819-49), New Boring 8- @ 15' (830-4819-50), New Boring 8- @ 20' (830-4819-51), New Boring 8- @ 25' (830-4819-52), New Boring 8- @ 30' (830-4819-53), New Boring 8- @ 50' (830-4819-55), New Boring 8- @ 60' (830-4819-56), New Boring 8- @ 70' (830-4819-57), New Boring 8- @ 80' (830-4819-58), New Boring 8- @ 90' (830-4819-59),

Case Narrative

Client: TRC Solutions, Inc.
Project: COP BKU 568435

Job ID: 830-4819-1

Job ID: 830-4819-1 (Continued) Eurofins El Paso

New Boring 9- @ 5' (830-4819-64), New Boring 9- @ 15' (830-4819-66), New Boring 9- @ 20' (830-4819-67), New Boring 9- @ 40' (830-4819-70), New Boring 10- @ 10 ' (830-4819-75), New Boring 10- @ 15 ' (830-4819-76), New Boring 10- @ 25 ' (830-4819-78), New Boring 10- @ 30 ' (830-4819-79), New Boring 10- @ 40 ' (830-4819-80), Confirmation Boring 1 @ 5' (830-4819-103), Confirmation Boring 4 @ 5' (830-4819-106), New Boring 1 @ -3' (830-4819-108), New Boring 4 @ 0-1' (830-4819-110), New Boring 4 @ -5' (830-4819-112) and New Boring 2 @ 3' (830-4819-114). 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 880-71865 and analytical batch 880-72266 was outside the control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: New Boring - 6 @ 30' (830-4819-28), New Boring - 6 @ 40' (830-4819-29), New Boring - 6 @ 50' (830-4819-30), New Boring - 6 @ 60' (830-4819-31), New Boring 7- @ 15' (830-4819-40), New Boring 10- @ 50 ' (830-4819-81), New Boring 10- @ 60 ' (830-4819-82), New Boring 10- @ 70 ' (830-4819-83), New Boring 11- @ 15 ' (830-4819-89) and (CCV 880-72266/82). 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 880-72102 and analytical batch 880-72266 was outside the control limits.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-71862 and analytical batch 880-72266 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: Confirmation Boring 3 @ 0-1' (830-4819-95), Confirmation Boring 2@ 0-1' (830-4819-98) and Confirmation Boring 2 @ 5' (830-4819-100). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: New Boring 8- @ 25' (830-4819-52), New Boring 8- @ 30' (830-4819-53), New Boring 8- @ 40' (830-4819-54), New Boring 8- @ 50' (830-4819-55), New Boring 10- @ 25 ' (830-4819-78), New Boring 10- @ 30 ' (830-4819-79) and (880-38487-A-1-G). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: New Boring - 6 @ 60' (830-4819-31). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: New Boring - 6 @ 20' (830-4819-26), New Boring - 6 @ 25' (830-4819-27), New Boring - 6 @ 70' (830-4819-32), New Boring - 6 @ 80' (830-4819-33), New Boring - 6 @ 100' (830-4819-35) and New Boring 7- @ 10' (830-4819-39). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: New Boring - 6 @ 20' (830-4819-26), New Boring - 6 @ 25' (830-4819-27), New Boring - 6 @ 30' (830-4819-28), New Boring - 6 @ 50' (830-4819-30), New Boring - 6 @ 70' (830-4819-32) and New Boring - 6 @ 80' (830-4819-33). Elevated reporting limits (RLs) are provided.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: New Boring - 6 @ 40' (830-4819-29). Elevated reporting limits (RLs) are provided.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-71863 and analytical batch 880-72288 was outside the control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: New Boring 7- @ 25' (830-4819-42) and New Boring 8- @ 40' (830-4819-54). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: Confirmation Boring 4 @ 3' (830-4819-105). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: New Boring 9- @ 10' (830-4819-65). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: TRC Solutions, Inc.
Project: COP BKU 568435

Job ID: 830-4819-1

Job ID: 830-4819-1 (Continued) Eurofins El Paso

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-71863 and analytical batch 880-72288 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: The laboratory control sample (LCS) associated with preparation batch 880-71864 and 880-71866 and analytical batch 880-72288 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: The following samples were diluted due to the nature of the sample matrix: New Boring 8- @ 15' (830-4819-50), New Boring 8- @ 20' (830-4819-51), New Boring 8- @ 25' (830-4819-52), New Boring 8- @ 30' (830-4819-53), New Boring 8- @ 40' (830-4819-54), New Boring 8- @ 50' (830-4819-55), New Boring 8- @ 60' (830-4819-56), New Boring 8- @ 80' (830-4819-58), New Boring 10- @ 20 ' (830-4819-77), New Boring 10- @ 25 ' (830-4819-78) and Confirmation Boring 1 @ 5' (830-4819-103). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following sample was outside control limits: New Boring 8- @ 15' (830-4819-50). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-72103 and analytical batch 880-72315 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: The laboratory control sample (LCS) associated with preparation batch 880-72362 and analytical batch 880-72315 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: The following samples were diluted due to the nature of the sample matrix: New Boring 8- @ 15' (830-4819-50), New Boring 8- @ 25' (830-4819-52), New Boring 8- @ 30' (830-4819-53), New Boring 8- @ 40' (830-4819-54), New Boring 8- @ 50' (830-4819-55), New Boring 10- @ 25 ' (830-4819-78) and New Boring 10- @ 30 ' (830-4819-79). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 870-17650 and analytical batch 870-17633 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: New Boring - 6 @ 5' (830-4819-23), New Boring - 6 @ 80' (830-4819-33) and New Boring - 6 @ 100' (830-4819-35). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: New Boring - 3 @ 0-1' (830-4819-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 870-17901 and analytical batch 870-17969 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 870-17901 and analytical batch 870-17969 were outside control limits. Sample matrix interference 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: (830-4819-A-64-F MS) and (830-4819-A-64-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (830-4819-A-64-F MS) and

Case Narrative

Client: TRC Solutions, Inc.
Project: COP BKU 568435

Job ID: 830-4819-1

Job ID: 830-4819-1 (Continued) Eurofins El Paso

(830-4819-A-64-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: New Boring 9- @ 0-1 ' (830-4819-62), New Boring 11- @ 0-1 ' (830-4819-85), New Boring 11- @ 3 ' (830-4819-86), New Boring 11- @ 5 ' (830-4819-87), New Boring 11- @ 10 ' (830-4819-88), New Boring 11- @ 15 ' (830-4819-89), New Boring 11- @ 20 ' (830-4819-90), New Boring 11- @ 25' (830-4819-91), New Boring 11- @ 40' (830-4819-93), New Boring 11- @ 50' (830-4819-94), New Boring 1 @ -3' (830-4819-108), New Boring 1 @ -5' (830-4819-109), New Boring 4 @ 0-1' (830-4819-110), New Boring 4 @ -3' (830-4819-111), New Boring 4 @ -5' (830-4819-112), New Boring 2 @ 0-1' (830-4819-113), New Boring 2 @ 3' (830-4819-114) and New Boring 2 @ 5' (830-4819-115). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: New Boring 8- @ 60' (830-4819-56), New Boring 10- @ 15 ' (830-4819-76), New Boring 10- @ 60 ' (830-4819-82), New Boring 10- @ 70 ' (830-4819-83), New Boring 10- @ 80 ' (830-4819-84), Confirmation Boring 3 @ 0-1' (830-4819-95), Confirmation Boring 3 @ 3' (830-4819-96), Confirmation Boring 3 @ 5' (830-4819-97), Confirmation Boring 2@ 0-1' (830-4819-98), Confirmation Boring 2 @ 3' (830-4819-99), Confirmation Boring 2 @ 5' (830-4819-100), Confirmation Boring 1 @ 0-1' (830-4819-101), Confirmation Boring 1 @ 3' (830-4819-102), Confirmation Boring 1 @ 5' (830-4819-103), Confirmation Boring 4 @ 3' (830-4819-105), Confirmation Boring 4 @ 5' (830-4819-106) and New Boring 1 @ 0-1' (830-4819-107). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: New Boring 10- @ 25 ' (830-4819-78) and New Boring 10- @ 50 ' (830-4819-81). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: New Boring 9- @ 30' (830-4819-69) and New Boring 10- @ 0-1 ' (830-4819-72). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Reanalysis of the following sample was performed outside of the analytical holding time due to low surrogate results during initial analysis : New Boring 10- @ 40 ' (830-4819-80).

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: New Boring 10- @ 40 ' (830-4819-80). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-72722 and analytical batch 880-73204 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-72722 and analytical batch 880-73204 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-71868 and analytical batch 880-72019 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The following sample was prepared outside of preparation holding time due to being taken off of hold at a later date : Confirmation Boring 2 @ 5' (830-4819-100).

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 0-1'

Lab Sample ID: 830-4819-1
Matrix: Solid
Date Collected: 01/22/24 09:16
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		01/29/24 14:38	02/03/24 04:44	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		01/29/24 14:38	02/03/24 04:44	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		01/29/24 14:38	02/03/24 04:44	1
m,p-Xylenes	<0.00402	U F1	0.00402		mg/Kg		01/29/24 14:38	02/03/24 04:44	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		01/29/24 14:38	02/03/24 04:44	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		01/29/24 14:38	02/03/24 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:38*	*02/03/24 04:44*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:38*	*02/03/24 04:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 04:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/24 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)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 14:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 14:18	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*01/29/24 11:18*	*02/02/24 14:18*	*1*
1-Chlorooctane	*117*		*70 - 130*	*01/29/24 11:18*	*02/02/24 14:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.6**		4.97		mg/Kg			01/31/24 19:34	1

Client Sample ID: New Boring - 3 @ 3'

Lab Sample ID: 830-4819-2
Matrix: Solid
Date Collected: 01/22/24 09:19
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 05:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 05:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/29/24 14:38*	*02/03/24 05:05*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*01/29/24 14:38*	*02/03/24 05:05*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 3'

Lab Sample ID: 830-4819-2
Matrix: Solid
Date Collected: 01/22/24 09:19
Date Received: 01/25/24 13:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 05:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/02/24 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)	<50.5	U	50.5		mg/Kg		01/29/24 11:18	02/02/24 15:20	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/29/24 11:18	02/02/24 15:20	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:18	02/02/24 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*119*		*70 - 130*	*01/29/24 11:18*	*02/02/24 15:20*	*1*
1-Chlorooctane	*106*		*70 - 130*	*01/29/24 11:18*	*02/02/24 15:20*	*1*

Client Sample ID: New Boring - 3 @ 5'

Lab Sample ID: 830-4819-3
Matrix: Solid
Date Collected: 01/22/24 09:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 05:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:38*	*02/03/24 05:25*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:38*	*02/03/24 05:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 05:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**52.5**		49.7		mg/Kg			02/02/24 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)	<49.7	U	49.7		mg/Kg		01/29/24 11:18	02/02/24 15:40	1
Diesel Range Organics (Over C10-C28)	**52.5**		49.7		mg/Kg		01/29/24 11:18	02/02/24 15:40	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:18	02/02/24 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*127*		*70 - 130*	*01/29/24 11:18*	*02/02/24 15:40*	*1*
1-Chlorooctane	*114*		*70 - 130*	*01/29/24 11:18*	*02/02/24 15:40*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 10'

Lab Sample ID: 830-4819-4
Matrix: Solid
Date Collected: 01/22/24 09:28
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 05:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 05:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 05:45	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 05:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 05:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*01/29/24 14:38*	*02/03/24 05:45*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*01/29/24 14:38*	*02/03/24 05:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 05:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**58.8**		49.9		mg/Kg			02/02/24 16:01	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 16:01	1
Diesel Range Organics (Over C10-C28)	**58.8**		49.9		mg/Kg		01/29/24 11:18	02/02/24 16:01	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*112*		*70 - 130*	*01/29/24 11:18*	*02/02/24 16:01*	*1*
1-Chlorooctane	*100*		*70 - 130*	*01/29/24 11:18*	*02/02/24 16:01*	*1*

Client Sample ID: New Boring - 3 @ 15'

Lab Sample ID: 830-4819-5
Matrix: Solid
Date Collected: 01/22/24 09:34
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 06:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 06:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 06:06	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 06:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 06:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 06:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*01/29/24 14:38*	*02/03/24 06:06*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/29/24 14:38*	*02/03/24 06:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 06:06	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 15'

Lab Sample ID: 830-4819-5
Matrix: Solid
Date Collected: 01/22/24 09:34
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/02/24 16:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 16:22	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 16:22	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*108*		*70 - 130*	*01/29/24 11:18*	*02/02/24 16:22*	*1*
1-Chlorooctane	*97*		*70 - 130*	*01/29/24 11:18*	*02/02/24 16:22*	*1*

Client Sample ID: New Boring - 3 @ 20'

Lab Sample ID: 830-4819-6
Matrix: Solid
Date Collected: 01/22/24 09:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 06:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 06:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 06:26	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/29/24 14:38	02/03/24 06:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 06:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 14:38	02/03/24 06:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/29/24 14:38*	*02/03/24 06:26*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/29/24 14:38*	*02/03/24 06:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/03/24 06:26	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/24 16:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 16:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 16:42	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*125*		*70 - 130*	*01/29/24 11:18*	*02/02/24 16:42*	*1*
1-Chlorooctane	*112*		*70 - 130*	*01/29/24 11:18*	*02/02/24 16:42*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 25'

Lab Sample ID: 830-4819-7
Matrix: Solid
Date Collected: 01/22/24 09:43
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 06:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 06:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 06:47	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 06:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 06:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 06:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*01/29/24 14:38*	*02/03/24 06:47*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/29/24 14:38*	*02/03/24 06:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 06:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/24 17:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8		mg/Kg		01/29/24 11:18	02/02/24 17:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/29/24 11:18	02/02/24 17:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/29/24 11:18	02/02/24 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*112*		*70 - 130*	*01/29/24 11:18*	*02/02/24 17:03*	*1*
1-Chlorooctane	*100*		*70 - 130*	*01/29/24 11:18*	*02/02/24 17:03*	*1*

Client Sample ID: New Boring - 3 @ 30'

Lab Sample ID: 830-4819-8
Matrix: Solid
Date Collected: 01/22/24 09:50
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 07:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 07:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 07:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 07:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 07:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 07:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/29/24 14:38*	*02/03/24 07:07*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/29/24 14:38*	*02/03/24 07:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 07:07	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 30'

Lab Sample ID: 830-4819-8
Matrix: Solid
Date Collected: 01/22/24 09:50
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/24 17:24	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 17:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 17:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*103*		*70 - 130*	*01/29/24 11:18*	*02/02/24 17:24*	*1*
1-Chlorooctane	*90*		*70 - 130*	*01/29/24 11:18*	*02/02/24 17:24*	*1*

Client Sample ID: New Boring - 3 @ 40'

Lab Sample ID: 830-4819-9
Matrix: Solid
Date Collected: 01/22/24 09:57
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 09:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 09:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 09:33	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 09:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 09:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 09:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*01/29/24 14:38*	*02/03/24 09:33*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*01/29/24 14:38*	*02/03/24 09:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 09:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/24 17:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 17:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 17:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*119*		*70 - 130*	*01/29/24 11:18*	*02/02/24 17:45*	*1*
1-Chlorooctane	*104*		*70 - 130*	*01/29/24 11:18*	*02/02/24 17:45*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 50'

Lab Sample ID: 830-4819-10
Matrix: Solid
Date Collected: 01/22/24 10:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 09:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 09:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 09:54	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 09:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 09:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/29/24 14:38*	*02/03/24 09:54*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/29/24 14:38*	*02/03/24 09:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 09:54	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/02/24 18:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 18:05	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 18:05	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*98*		*70 - 130*	*01/29/24 11:18*	*02/02/24 18:05*	*1*
1-Chlorooctane	*86*		*70 - 130*	*01/29/24 11:18*	*02/02/24 18:05*	*1*

Client Sample ID: New Boring - 5 @ 0-1'

Lab Sample ID: 830-4819-11
Matrix: Solid
Date Collected: 01/22/24 10:20
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 11:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 11:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 11:44	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/29/24 14:38	02/03/24 11:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 11:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 14:38	02/03/24 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*01/29/24 14:38*	*02/03/24 11:44*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/29/24 14:38*	*02/03/24 11:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/03/24 11:44	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 0-1'

Lab Sample ID: 830-4819-11
Matrix: Solid
Date Collected: 01/22/24 10:20
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/02/24 18:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:18	02/02/24 18:48	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/29/24 11:18	02/02/24 18:48	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:18	02/02/24 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*109*		*70 - 130*	*01/29/24 11:18*	*02/02/24 18:48*	*1*
1-Chlorooctane	*97*		*70 - 130*	*01/29/24 11:18*	*02/02/24 18:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**221**		5.02		mg/Kg			02/01/24 20:36	1

Client Sample ID: New Boring - 5 @ 3'

Lab Sample ID: 830-4819-12
Matrix: Solid
Date Collected: 01/22/24 10:29
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 12:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/29/24 14:38*	*02/03/24 12:04*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:38*	*02/03/24 12:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 12:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/02/24 19:08	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		01/29/24 11:18	02/02/24 19:08	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/29/24 11:18	02/02/24 19:08	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:18	02/02/24 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*70 - 130*	*01/29/24 11:18*	*02/02/24 19:08*	*1*
1-Chlorooctane	*84*		*70 - 130*	*01/29/24 11:18*	*02/02/24 19:08*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 5'

Lab Sample ID: 830-4819-13
Matrix: Solid
Date Collected: 01/22/24 10:35
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 12:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:38*	*02/03/24 12:25*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*01/29/24 14:38*	*02/03/24 12:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 12:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/02/24 19:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		01/29/24 11:18	02/02/24 19:29	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/29/24 11:18	02/02/24 19:29	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/29/24 11:18	02/02/24 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*90*		*70 - 130*	*01/29/24 11:18*	*02/02/24 19:29*	*1*
1-Chlorooctane	*80*		*70 - 130*	*01/29/24 11:18*	*02/02/24 19:29*	*1*

Client Sample ID: New Boring - 5 @ 10'

Lab Sample ID: 830-4819-14
Matrix: Solid
Date Collected: 01/22/24 10:41
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 12:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 12:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 12:45	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 12:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 12:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*01/29/24 14:38*	*02/03/24 12:45*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*01/29/24 14:38*	*02/03/24 12:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 12:45	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 10'

Lab Sample ID: 830-4819-14
Matrix: Solid
Date Collected: 01/22/24 10:41
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/02/24 19:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:18	02/02/24 19:50	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/29/24 11:18	02/02/24 19:50	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:18	02/02/24 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*109*		*70 - 130*	*01/29/24 11:18*	*02/02/24 19:50*	*1*
1-Chlorooctane	*96*		*70 - 130*	*01/29/24 11:18*	*02/02/24 19:50*	*1*

Client Sample ID: New Boring - 5 @ 15'

Lab Sample ID: 830-4819-15
Matrix: Solid
Date Collected: 01/22/24 10:48
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 13:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 13:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 13:06	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 13:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 13:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*01/29/24 14:38*	*02/03/24 13:06*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/29/24 14:38*	*02/03/24 13:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 13:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			02/02/24 20:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.5	U	49.5		mg/Kg		01/29/24 11:18	02/02/24 20:11	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		01/29/24 11:18	02/02/24 20:11	1
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		01/29/24 11:18	02/02/24 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*81*		*70 - 130*	*01/29/24 11:18*	*02/02/24 20:11*	*1*
1-Chlorooctane	*72*		*70 - 130*	*01/29/24 11:18*	*02/02/24 20:11*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 20'

Lab Sample ID: 830-4819-16
Matrix: Solid
Date Collected: 01/22/24 10:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:26	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 13:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*01/29/24 14:38*	*02/03/24 13:26*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:38*	*02/03/24 13:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 13:26	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/24 20:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 20:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 20:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*106*		*70 - 130*	*01/29/24 11:18*	*02/02/24 20:32*	*1*
1-Chlorooctane	*95*		*70 - 130*	*01/29/24 11:18*	*02/02/24 20:32*	*1*

Client Sample ID: New Boring - 5 @ 25'

Lab Sample ID: 830-4819-17
Matrix: Solid
Date Collected: 01/22/24 11:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:47	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 13:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*01/29/24 14:38*	*02/03/24 13:47*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:38*	*02/03/24 13:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 13:47	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 25'

Lab Sample ID: 830-4819-17
Matrix: Solid
Date Collected: 01/22/24 11:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/02/24 20:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:18	02/02/24 20:52	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/29/24 11:18	02/02/24 20:52	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:18	02/02/24 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*70 - 130*	*01/29/24 11:18*	*02/02/24 20:52*	*1*
1-Chlorooctane	*77*		*70 - 130*	*01/29/24 11:18*	*02/02/24 20:52*	*1*

Client Sample ID: New Boring - 5 @ 30'

Lab Sample ID: 830-4819-18
Matrix: Solid
Date Collected: 01/22/24 11:14
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:07	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 14:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*01/29/24 14:38*	*02/03/24 14:07*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:38*	*02/03/24 14:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 14:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/24 21:13	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 21:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 21:13	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*96*		*70 - 130*	*01/29/24 11:18*	*02/02/24 21:13*	*1*
1-Chlorooctane	*85*		*70 - 130*	*01/29/24 11:18*	*02/02/24 21:13*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 40'

Lab Sample ID: 830-4819-19
Matrix: Solid
Date Collected: 01/22/24 11:30
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 14:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 14:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 14:27	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 14:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 14:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*01/29/24 14:38*	*02/03/24 14:27*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:38*	*02/03/24 14:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 14:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/24 21:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8		mg/Kg		01/29/24 11:18	02/02/24 21:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/29/24 11:18	02/02/24 21:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/29/24 11:18	02/02/24 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*113*		*70 - 130*	*01/29/24 11:18*	*02/02/24 21:34*	*1*
1-Chlorooctane	*99*		*70 - 130*	*01/29/24 11:18*	*02/02/24 21:34*	*1*

Client Sample ID: New Boring - 5 @ 50'

Lab Sample ID: 830-4819-20
Matrix: Solid
Date Collected: 01/22/24 11:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:48	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/29/24 14:38	02/03/24 14:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 14:38	02/03/24 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*01/29/24 14:38*	*02/03/24 14:48*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:38*	*02/03/24 14:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/03/24 14:48	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 50'

Lab Sample ID: 830-4819-20
Matrix: Solid
Date Collected: 01/22/24 11:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/02/24 21:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		01/29/24 11:18	02/02/24 21:55	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/29/24 11:18	02/02/24 21:55	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:18	02/02/24 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*99*		*70 - 130*	*01/29/24 11:18*	*02/02/24 21:55*	*1*
1-Chlorooctane	*90*		*70 - 130*	*01/29/24 11:18*	*02/02/24 21:55*	*1*

Client Sample ID: New Boring - 6 @ 0-1'

Lab Sample ID: 830-4819-21
Matrix: Solid
Date Collected: 01/22/24 12:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 12:56	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		01/29/24 14:42	02/04/24 12:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 12:56	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:42	02/04/24 12:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 12:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:42	02/04/24 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:42*	*02/04/24 12:56*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*01/29/24 14:42*	*02/04/24 12:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 12:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/24 03:31	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U F1	50.0		mg/Kg		01/29/24 11:20	02/02/24 03:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		01/29/24 11:20	02/02/24 03:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:20	02/02/24 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*85*		*70 - 130*	*01/29/24 11:20*	*02/02/24 03:31*	*1*
1-Chlorooctane	*76*		*70 - 130*	*01/29/24 11:20*	*02/02/24 03:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**239**		5.04		mg/Kg			02/01/24 20:43	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 3'

Lab Sample ID: 830-4819-22
Matrix: Solid
Date Collected: 01/22/24 13:00
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 13:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/29/24 14:42*	*02/04/24 13:23*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/29/24 14:42*	*02/04/24 13:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 13:23	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/24 04:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:20	02/02/24 04:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:20	02/02/24 04:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:20	02/02/24 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*81*		*70 - 130*	*01/29/24 11:20*	*02/02/24 04:33*	*1*
1-Chlorooctane	*73*		*70 - 130*	*01/29/24 11:20*	*02/02/24 04:33*	*1*

Client Sample ID: New Boring - 6 @ 5'

Lab Sample ID: 830-4819-23
Matrix: Solid
Date Collected: 01/22/24 13:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 13:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/29/24 14:42*	*02/04/24 13:49*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*01/29/24 14:42*	*02/04/24 13:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 13:49	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 5'

Lab Sample ID: 830-4819-23
Matrix: Solid
Date Collected: 01/22/24 13:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/02/24 04:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 04:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 04:53	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*65*	*S1-*	*70 - 130*	*01/29/24 11:20*	*02/02/24 04:53*	*1*
1-Chlorooctane	*60*	*S1-*	*70 - 130*	*01/29/24 11:20*	*02/02/24 04:53*	*1*

Client Sample ID: New Boring - 6 @ 10'

Lab Sample ID: 830-4819-24
Matrix: Solid
Date Collected: 01/22/24 13:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 14:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 14:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 14:16	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:42	02/04/24 14:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 14:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:42	02/04/24 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*01/29/24 14:42*	*02/04/24 14:16*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*01/29/24 14:42*	*02/04/24 14:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/24 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/02/24 05:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:20	02/02/24 05:14	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/29/24 11:20	02/02/24 05:14	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:20	02/02/24 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*70 - 130*	*01/29/24 11:20*	*02/02/24 05:14*	*1*
1-Chlorooctane	*78*		*70 - 130*	*01/29/24 11:20*	*02/02/24 05:14*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 15'

Lab Sample ID: 830-4819-25
Matrix: Solid
Date Collected: 01/22/24 13:17
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 14:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 14:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 14:43	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:42	02/04/24 14:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 14:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:42	02/04/24 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/29/24 14:42*	*02/04/24 14:43*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/29/24 14:42*	*02/04/24 14:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 14:43	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/02/24 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)	<50.3	U	50.3		mg/Kg		01/29/24 11:20	02/02/24 05:35	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/29/24 11:20	02/02/24 05:35	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:20	02/02/24 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*98*		*70 - 130*	*01/29/24 11:20*	*02/02/24 05:35*	*1*
1-Chlorooctane	*87*		*70 - 130*	*01/29/24 11:20*	*02/02/24 05:35*	*1*

Client Sample ID: New Boring - 6 @ 20'

Lab Sample ID: 830-4819-26
Matrix: Solid
Date Collected: 01/22/24 13:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.667**		0.100		mg/Kg		01/29/24 14:42	02/04/24 15:36	50
Toluene	**0.798**		0.100		mg/Kg		01/29/24 14:42	02/04/24 15:36	50
Ethylbenzene	**13.7**		0.100		mg/Kg		01/29/24 14:42	02/04/24 15:36	50
m,p-Xylenes	**13.4**		0.200		mg/Kg		01/29/24 14:42	02/04/24 15:36	50
o-Xylene	**1.30**		0.100		mg/Kg		01/29/24 14:42	02/04/24 15:36	50
Xylenes, Total	**14.7**		0.200		mg/Kg		01/29/24 14:42	02/04/24 15:36	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*169*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 15:36*	*50*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/29/24 14:42*	*02/04/24 15:36*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**29.9**		0.200		mg/Kg			02/04/24 15:36	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 20'

Lab Sample ID: 830-4819-26
Matrix: Solid
Date Collected: 01/22/24 13:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1050**		50.5	mg/Kg			02/02/24 05:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**110**		50.5	mg/Kg		01/29/24 11:20	02/02/24 05:55	1
Diesel Range Organics (Over C10-C28)	**938**		50.5	mg/Kg		01/29/24 11:20	02/02/24 05:55	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5	mg/Kg		01/29/24 11:20	02/02/24 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*70 - 130*	*01/29/24 11:20*	*02/02/24 05:55*	*1*
1-Chlorooctane	*87*		*70 - 130*	*01/29/24 11:20*	*02/02/24 05:55*	*1*

Client Sample ID: New Boring - 6 @ 25'

Lab Sample ID: 830-4819-27
Matrix: Solid
Date Collected: 01/22/24 13:27
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0996	U	0.0996	mg/Kg		01/29/24 14:42	02/04/24 16:03	50
Toluene	**7.96**		0.0996	mg/Kg		01/29/24 14:42	02/04/24 16:03	50
Ethylbenzene	**14.0**		0.0996	mg/Kg		01/29/24 14:42	02/04/24 16:03	50
m,p-Xylenes	**14.0**		0.199	mg/Kg		01/29/24 14:42	02/04/24 16:03	50
o-Xylene	**6.23**		0.0996	mg/Kg		01/29/24 14:42	02/04/24 16:03	50
Xylenes, Total	**20.2**		0.199	mg/Kg		01/29/24 14:42	02/04/24 16:03	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 16:03*	*50*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/29/24 14:42*	*02/04/24 16:03*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**42.2**		0.199	mg/Kg			02/04/24 16:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2090**		49.9	mg/Kg			02/02/24 06:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**294**		49.9	mg/Kg		01/29/24 11:20	02/02/24 06:16	1
Diesel Range Organics (Over C10-C28)	**1800**		49.9	mg/Kg		01/29/24 11:20	02/02/24 06:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/29/24 11:20	02/02/24 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*112*		*70 - 130*	*01/29/24 11:20*	*02/02/24 06:16*	*1*
1-Chlorooctane	*107*		*70 - 130*	*01/29/24 11:20*	*02/02/24 06:16*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 30'

Lab Sample ID: 830-4819-28
Matrix: Solid
Date Collected: 01/22/24 13:32
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.06**		0.0994		mg/Kg		01/29/24 14:42	02/04/24 16:29	50
Toluene	**4.43**		0.497		mg/Kg		02/05/24 10:00	02/05/24 14:29	250
Ethylbenzene	**2.94**		0.497		mg/Kg		02/05/24 10:00	02/05/24 14:29	250
m,p-Xylenes	**33.4**		0.199		mg/Kg		01/29/24 14:42	02/04/24 16:29	50
o-Xylene	**14.3**		0.0994		mg/Kg		01/29/24 14:42	02/04/24 16:29	50
Xylenes, Total	**47.7**		0.199		mg/Kg		01/29/24 14:42	02/04/24 16:29	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:42*	*02/04/24 16:29*	*50*
1,4-Difluorobenzene (Surr)	*64*	*S1-*	*70 - 130*	*01/29/24 14:42*	*02/04/24 16:29*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**56.1**		0.497		mg/Kg			02/05/24 14:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**3080**		49.7		mg/Kg			02/02/24 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)	**627**		49.7		mg/Kg		01/29/24 11:20	02/02/24 06:37	1
Diesel Range Organics (Over C10-C28)	**2450**		49.7		mg/Kg		01/29/24 11:20	02/02/24 06:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 06:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*103*		*70 - 130*	*01/29/24 11:20*	*02/02/24 06:37*	*1*
1-Chlorooctane	*106*		*70 - 130*	*01/29/24 11:20*	*02/02/24 06:37*	*1*

Client Sample ID: New Boring - 6 @ 40'

Lab Sample ID: 830-4819-29
Matrix: Solid
Date Collected: 01/22/24 13:39
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.998	U	0.998		mg/Kg		02/05/24 10:00	02/05/24 14:49	500
Toluene	**1.59**		0.998		mg/Kg		02/05/24 10:00	02/05/24 14:49	500
Ethylbenzene	<0.998	U	0.998		mg/Kg		02/05/24 10:00	02/05/24 14:49	500
m,p-Xylenes	<2.00	U	2.00		mg/Kg		02/05/24 10:00	02/05/24 14:49	500
o-Xylene	<0.998	U	0.998		mg/Kg		02/05/24 10:00	02/05/24 14:49	500
Xylenes, Total	<2.00	U	2.00		mg/Kg		02/05/24 10:00	02/05/24 14:49	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*261*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 15:10*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*	*01/29/24 14:42*	*02/04/24 15:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<2.00	U	2.00		mg/Kg			02/05/24 14:49	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 40'

Lab Sample ID: 830-4819-29
Matrix: Solid
Date Collected: 01/22/24 13:39
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1380		49.9	mg/Kg			02/02/24 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)	363		49.9	mg/Kg		01/29/24 11:20	02/02/24 06:58	1
Diesel Range Organics (Over C10-C28)	1020		49.9	mg/Kg		01/29/24 11:20	02/02/24 06:58	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/29/24 11:20	02/02/24 06:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*106*		*70 - 130*	*01/29/24 11:20*	*02/02/24 06:58*	*1*
1-Chlorooctane	*99*		*70 - 130*	*01/29/24 11:20*	*02/02/24 06:58*	*1*

Client Sample ID: New Boring - 6 @ 50'

Lab Sample ID: 830-4819-30
Matrix: Solid
Date Collected: 01/22/24 13:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101	mg/Kg		01/29/24 14:42	02/04/24 16:55	50
Toluene	7.83		0.101	mg/Kg		01/29/24 14:42	02/04/24 16:55	50
Ethylbenzene	11.5		0.101	mg/Kg		01/29/24 14:42	02/04/24 16:55	50
m,p-Xylenes	11.4		0.201	mg/Kg		01/29/24 14:42	02/04/24 16:55	50
o-Xylene	6.70		0.101	mg/Kg		01/29/24 14:42	02/04/24 16:55	50
Xylenes, Total	18.1		0.201	mg/Kg		01/29/24 14:42	02/04/24 16:55	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 16:55*	*50*
1,4-Difluorobenzene (Surr)	*61*	*S1-*	*70 - 130*	*01/29/24 14:42*	*02/04/24 16:55*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	37.4		0.201	mg/Kg			02/04/24 16:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		50.3	mg/Kg			02/02/24 07:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	241		50.3	mg/Kg		01/29/24 11:20	02/02/24 07:18	1
Diesel Range Organics (Over C10-C28)	1090		50.3	mg/Kg		01/29/24 11:20	02/02/24 07:18	1
Oll Range Organics (Over C28-C36)	<50.3	U	50.3	mg/Kg		01/29/24 11:20	02/02/24 07:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*107*		*70 - 130*	*01/29/24 11:20*	*02/02/24 07:18*	*1*
1-Chlorooctane	*100*		*70 - 130*	*01/29/24 11:20*	*02/02/24 07:18*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 60'

Lab Sample ID: 830-4819-31
Matrix: Solid
Date Collected: 01/22/24 13:56
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	14.7		2.01		mg/Kg		02/05/24 10:00	02/05/24 15:10	1000
Toluene	131		2.01		mg/Kg		02/05/24 10:00	02/05/24 15:10	1000
Ethylbenzene	89.9		2.01		mg/Kg		02/05/24 10:00	02/05/24 15:10	1000
m,p-Xylenes	131		4.02		mg/Kg		02/05/24 10:00	02/05/24 15:10	1000
o-Xylene	40.3		2.01		mg/Kg		02/05/24 10:00	02/05/24 15:10	1000
Xylenes, Total	171		4.02		mg/Kg		02/05/24 10:00	02/05/24 15:10	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*209*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 18:39*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*01/29/24 14:42*	*02/04/24 18:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	407		4.02		mg/Kg			02/05/24 15:10	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	605		50.3		mg/Kg			02/02/24 08:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	114		50.3		mg/Kg		01/29/24 11:20	02/02/24 08:00	1
Diesel Range Organics (Over C10-C28)	491		50.3		mg/Kg		01/29/24 11:20	02/02/24 08:00	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:20	02/02/24 08:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*110*		*70 - 130*	*01/29/24 11:20*	*02/02/24 08:00*	*1*
1-Chlorooctane	*99*		*70 - 130*	*01/29/24 11:20*	*02/02/24 08:00*	*1*

Client Sample ID: New Boring - 6 @ 70'

Lab Sample ID: 830-4819-32
Matrix: Solid
Date Collected: 01/22/24 14:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.768		0.0996		mg/Kg		01/29/24 14:42	02/04/24 22:07	50
Toluene	9.63		0.0996		mg/Kg		01/29/24 14:42	02/04/24 22:07	50
Ethylbenzene	7.04		0.0996		mg/Kg		01/29/24 14:42	02/04/24 22:07	50
m,p-Xylenes	7.15		0.199		mg/Kg		01/29/24 14:42	02/04/24 22:07	50
o-Xylene	3.04		0.0996		mg/Kg		01/29/24 14:42	02/04/24 22:07	50
Xylenes, Total	10.2		0.199		mg/Kg		01/29/24 14:42	02/04/24 22:07	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 22:07*	*50*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*01/29/24 14:42*	*02/04/24 22:07*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	27.6		0.199		mg/Kg			02/04/24 22:07	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 70'

Lab Sample ID: 830-4819-32
Matrix: Solid
Date Collected: 01/22/24 14:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1130		50.2		mg/Kg			02/02/24 08:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	313		50.2		mg/Kg		01/29/24 11:20	02/02/24 08:20	1
Diesel Range Organics (Over C10-C28)	818		50.2		mg/Kg		01/29/24 11:20	02/02/24 08:20	1
Oll Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:20	02/02/24 08:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*130*		*70 - 130*	*01/29/24 11:20*	*02/02/24 08:20*	*1*
1-Chlorooctane	*120*		*70 - 130*	*01/29/24 11:20*	*02/02/24 08:20*	*1*

Client Sample ID: New Boring - 6 @ 80'

Lab Sample ID: 830-4819-33
Matrix: Solid
Date Collected: 01/22/24 14:32
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.39		2.00		mg/Kg		02/05/24 10:00	02/05/24 15:30	1000
Toluene	173		2.00		mg/Kg		02/05/24 10:00	02/05/24 15:30	1000
Ethylbenzene	31.0		2.00		mg/Kg		02/05/24 10:00	02/05/24 15:30	1000
m,p-Xylenes	193		4.01		mg/Kg		02/05/24 10:00	02/05/24 15:30	1000
o-Xylene	48.2		2.00		mg/Kg		02/05/24 10:00	02/05/24 15:30	1000
Xylenes, Total	241		4.01		mg/Kg		02/05/24 10:00	02/05/24 15:30	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*232*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 22:33*	*50*
1,4-Difluorobenzene (Surr)	*49*	*S1-*	*70 - 130*	*01/29/24 14:42*	*02/04/24 22:33*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	453		4.01		mg/Kg			02/05/24 15:30	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	10500		252		mg/Kg			02/02/24 08:41	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	3050		252		mg/Kg		01/29/24 11:20	02/02/24 08:41	5
Diesel Range Organics (Over C10-C28)	7430		252		mg/Kg		01/29/24 11:20	02/02/24 08:41	5
Oll Range Organics (Over C28-C36)	<252	U	252		mg/Kg		01/29/24 11:20	02/02/24 08:41	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*110*		*70 - 130*	*01/29/24 11:20*	*02/02/24 08:41*	*5*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*01/29/24 11:20*	*02/02/24 08:41*	*5*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 90'

Lab Sample ID: 830-4819-34
Matrix: Solid
Date Collected: 01/22/24 14:39
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00764**		0.00200		mg/Kg		01/29/24 14:42	02/04/24 19:05	1
Toluene	**0.0594**		0.00200		mg/Kg		01/29/24 14:42	02/04/24 19:05	1
Ethylbenzene	**0.0438**		0.00200		mg/Kg		01/29/24 14:42	02/04/24 19:05	1
m,p-Xylenes	**0.0318**		0.00399		mg/Kg		01/29/24 14:42	02/04/24 19:05	1
o-Xylene	**0.243**		0.00200		mg/Kg		01/29/24 14:42	02/04/24 19:05	1
Xylenes, Total	**0.275**		0.00399		mg/Kg		01/29/24 14:42	02/04/24 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*01/29/24 14:42*	*02/04/24 19:05*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/29/24 14:42*	*02/04/24 19:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.386**		0.00399		mg/Kg			02/04/24 19:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**294**		49.7		mg/Kg			02/02/24 09:02	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 09:02	1
Diesel Range Organics (Over C10-C28)	**294**		49.7		mg/Kg		01/29/24 11:20	02/02/24 09:02	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*101*		*70 - 130*	*01/29/24 11:20*	*02/02/24 09:02*	*1*
1-Chlorooctane	*90*		*70 - 130*	*01/29/24 11:20*	*02/02/24 09:02*	*1*

Client Sample ID: New Boring - 6 @ 100'

Lab Sample ID: 830-4819-35
Matrix: Solid
Date Collected: 01/22/24 14:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00286**		0.00201		mg/Kg		01/29/24 14:42	02/04/24 19:30	1
Toluene	**0.0123**		0.00201		mg/Kg		01/29/24 14:42	02/04/24 19:30	1
Ethylbenzene	**0.0230**		0.00201		mg/Kg		01/29/24 14:42	02/04/24 19:30	1
m,p-Xylenes	**0.0318**		0.00402		mg/Kg		01/29/24 14:42	02/04/24 19:30	1
o-Xylene	**0.0703**		0.00201		mg/Kg		01/29/24 14:42	02/04/24 19:30	1
Xylenes, Total	**0.102**		0.00402		mg/Kg		01/29/24 14:42	02/04/24 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 19:30*	*1*
1,4-Difluorobenzene (Surr)	*121*		*70 - 130*	*01/29/24 14:42*	*02/04/24 19:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.140**		0.00402		mg/Kg			02/04/24 19:30	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 100'

Lab Sample ID: 830-4819-35
Matrix: Solid
Date Collected: 01/22/24 14:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**367**		50.0		mg/Kg			02/02/24 09:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:20	02/02/24 09:22	1
Diesel Range Organics (Over C10-C28)	**367**		50.0		mg/Kg		01/29/24 11:20	02/02/24 09:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:20	02/02/24 09:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*70*		*70 - 130*	*01/29/24 11:20*	*02/02/24 09:22*	*1*
1-Chlorooctane	*64*	*S1-*	*70 - 130*	*01/29/24 11:20*	*02/02/24 09:22*	*1*

Client Sample ID: New Boring 7- @ 0-1'

Lab Sample ID: 830-4819-36
Matrix: Solid
Date Collected: 01/22/24 15:03
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 19:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 19:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 19:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 19:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 19:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*01/29/24 14:42*	*02/04/24 19:56*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*01/29/24 14:42*	*02/04/24 19:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 19:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**81.4**		50.1		mg/Kg			02/02/24 09:43	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:20	02/02/24 09:43	1
Diesel Range Organics (Over C10-C28)	**81.4**		50.1		mg/Kg		01/29/24 11:20	02/02/24 09:43	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:20	02/02/24 09:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*70 - 130*	*01/29/24 11:20*	*02/02/24 09:43*	*1*
1-Chlorooctane	*79*		*70 - 130*	*01/29/24 11:20*	*02/02/24 09:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.8**		5.01		mg/Kg			02/01/24 20:50	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7 - @ 3'

Lab Sample ID: 830-4819-37
Matrix: Solid
Date Collected: 01/22/24 15:07
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 20:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 20:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 20:22	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 20:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 20:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*01/29/24 14:42*	*02/04/24 20:22*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:42*	*02/04/24 20:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 20:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**60.9**		50.5		mg/Kg			02/02/24 10:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:20	02/02/24 10:04	1
Diesel Range Organics (Over C10-C28)	**60.9**		50.5		mg/Kg		01/29/24 11:20	02/02/24 10:04	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:20	02/02/24 10:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*70 - 130*	*01/29/24 11:20*	*02/02/24 10:04*	*1*
1-Chlorooctane	*75*		*70 - 130*	*01/29/24 11:20*	*02/02/24 10:04*	*1*

Client Sample ID: New Boring 7- @ 5'

Lab Sample ID: 830-4819-38
Matrix: Solid
Date Collected: 01/22/24 15:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00212**		0.00200		mg/Kg		01/29/24 14:42	02/04/24 20:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 20:49	1
Ethylbenzene	**0.00222**		0.00200		mg/Kg		01/29/24 14:42	02/04/24 20:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:42	02/04/24 20:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 20:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:42	02/04/24 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/29/24 14:42*	*02/04/24 20:49*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/29/24 14:42*	*02/04/24 20:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00434**		0.00399		mg/Kg			02/04/24 20:49	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 5'

Lab Sample ID: 830-4819-38
Matrix: Solid
Date Collected: 01/22/24 15:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			02/02/24 10:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8	mg/Kg		01/29/24 11:20	02/02/24 10:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/29/24 11:20	02/02/24 10:25	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/29/24 11:20	02/02/24 10:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*70 - 130*	*01/29/24 11:20*	*02/02/24 10:25*	*1*
1-Chlorooctane	*82*		*70 - 130*	*01/29/24 11:20*	*02/02/24 10:25*	*1*

Client Sample ID: New Boring 7- @ 10'

Lab Sample ID: 830-4819-39
Matrix: Solid
Date Collected: 01/22/24 15:13
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/29/24 14:42	02/04/24 21:15	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/29/24 14:42	02/04/24 21:15	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/29/24 14:42	02/04/24 21:15	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		01/29/24 14:42	02/04/24 21:15	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/29/24 14:42	02/04/24 21:15	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/29/24 14:42	02/04/24 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 21:15*	*1*
1,4-Difluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 21:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			02/04/24 21:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7	mg/Kg			02/02/24 10:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7	mg/Kg		01/29/24 11:20	02/02/24 10:45	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7	mg/Kg		01/29/24 11:20	02/02/24 10:45	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		01/29/24 11:20	02/02/24 10:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*70 - 130*	*01/29/24 11:20*	*02/02/24 10:45*	*1*
1-Chlorooctane	*72*		*70 - 130*	*01/29/24 11:20*	*02/02/24 10:45*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 15'

Lab Sample ID: 830-4819-40
Matrix: Solid
Date Collected: 01/22/24 15:17
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 21:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 21:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 21:41	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/29/24 14:42	02/04/24 21:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 21:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 14:42	02/04/24 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 21:41*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/29/24 14:42*	*02/04/24 21:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/24 21:41	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/24 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8		mg/Kg		01/29/24 11:20	02/02/24 11:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/29/24 11:20	02/02/24 11:06	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/29/24 11:20	02/02/24 11:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*115*		*70 - 130*	*01/29/24 11:20*	*02/02/24 11:06*	*1*
1-Chlorooctane	*107*		*70 - 130*	*01/29/24 11:20*	*02/02/24 11:06*	*1*

Client Sample ID: New Boring 7- @ 20'

Lab Sample ID: 830-4819-41
Matrix: Solid
Date Collected: 01/22/24 15:23
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:44	02/03/24 20:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:44	02/03/24 20:34	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:44	02/03/24 20:34	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:44	02/03/24 20:34	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:44	02/03/24 20:34	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:44	02/03/24 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*01/29/24 14:44*	*02/03/24 20:34*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*01/29/24 14:44*	*02/03/24 20:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 20:34	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 20'

Lab Sample ID: 830-4819-41
Matrix: Solid
Date Collected: 01/22/24 15:23
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			02/03/24 18:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2	mg/Kg		01/29/24 11:23	02/03/24 18:38	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2	mg/Kg		01/29/24 11:23	02/03/24 18:38	1
Oll Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		01/29/24 11:23	02/03/24 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*128*		*70 - 130*	*01/29/24 11:23*	*02/03/24 18:38*	*1*
1-Chlorooctane	*113*		*70 - 130*	*01/29/24 11:23*	*02/03/24 18:38*	*1*

Client Sample ID: New Boring 7- @ 25'

Lab Sample ID: 830-4819-42
Matrix: Solid
Date Collected: 01/23/24 08:41
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:44	02/03/24 20:55	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:44	02/03/24 20:55	1
Ethylbenzene	<0.00199	U *+	0.00199	mg/Kg		01/29/24 14:44	02/03/24 20:55	1
m,p-Xylenes	<0.00398	U *+	0.00398	mg/Kg		01/29/24 14:44	02/03/24 20:55	1
o-Xylene	<0.00199	U *+	0.00199	mg/Kg		01/29/24 14:44	02/03/24 20:55	1
Xylenes, Total	<0.00398	U *+	0.00398	mg/Kg		01/29/24 14:44	02/03/24 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:44*	*02/03/24 20:55*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/29/24 14:44*	*02/03/24 20:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			02/03/24 20:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4	mg/Kg			02/03/24 18:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4	mg/Kg		01/29/24 11:23	02/03/24 18:58	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4	mg/Kg		01/29/24 11:23	02/03/24 18:58	1
Oll Range Organics (Over C28-C36)	<50.4	U	50.4	mg/Kg		01/29/24 11:23	02/03/24 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*122*		*70 - 130*	*01/29/24 11:23*	*02/03/24 18:58*	*1*
1-Chlorooctane	*108*		*70 - 130*	*01/29/24 11:23*	*02/03/24 18:58*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 30'

Lab Sample ID: 830-4819-43
Matrix: Solid
Date Collected: 01/23/24 08:49
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 21:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 21:15	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 21:15	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 21:15	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 21:15	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*01/29/24 14:44*	*02/03/24 21:15*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*01/29/24 14:44*	*02/03/24 21:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 21:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/24 19:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8		mg/Kg		01/29/24 11:23	02/03/24 19:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/29/24 11:23	02/03/24 19:19	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/29/24 11:23	02/03/24 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*108*		*70 - 130*	*01/29/24 11:23*	*02/03/24 19:19*	*1*
1-Chlorooctane	*97*		*70 - 130*	*01/29/24 11:23*	*02/03/24 19:19*	*1*

Client Sample ID: New Boring 7- @ 40'

Lab Sample ID: 830-4819-44
Matrix: Solid
Date Collected: 01/23/24 09:04
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 21:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 21:36	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/03/24 21:36	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:44	02/03/24 21:36	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/03/24 21:36	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:44	02/03/24 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*01/29/24 14:44*	*02/03/24 21:36*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*01/29/24 14:44*	*02/03/24 21:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 21:36	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 40'

Lab Sample ID: 830-4819-44
Matrix: Solid
Date Collected: 01/23/24 09:04
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/03/24 19:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:23	02/03/24 19:40	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/29/24 11:23	02/03/24 19:40	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:23	02/03/24 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*121*		*70 - 130*	*01/29/24 11:23*	*02/03/24 19:40*	*1*
1-Chlorooctane	*107*		*70 - 130*	*01/29/24 11:23*	*02/03/24 19:40*	*1*

Client Sample ID: New Boring 7- @ 50'

Lab Sample ID: 830-4819-45
Matrix: Solid
Date Collected: 01/23/24 09:11
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:44	02/03/24 21:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:44	02/03/24 21:57	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:44	02/03/24 21:57	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:44	02/03/24 21:57	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:44	02/03/24 21:57	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:44	02/03/24 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/29/24 14:44*	*02/03/24 21:57*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*01/29/24 14:44*	*02/03/24 21:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 21:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/03/24 20:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:23	02/03/24 20:00	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/29/24 11:23	02/03/24 20:00	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:23	02/03/24 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*128*		*70 - 130*	*01/29/24 11:23*	*02/03/24 20:00*	*1*
1-Chlorooctane	*113*		*70 - 130*	*01/29/24 11:23*	*02/03/24 20:00*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 0-1'

Lab Sample ID: 830-4819-46
Matrix: Solid
Date Collected: 01/23/24 09:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 22:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 22:17	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/03/24 22:17	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:44	02/03/24 22:17	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/03/24 22:17	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:44	02/03/24 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:44*	*02/03/24 22:17*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*01/29/24 14:44*	*02/03/24 22:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/03/24 22:17	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/03/24 21:02	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:23	02/03/24 21:02	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/29/24 11:23	02/03/24 21:02	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:23	02/03/24 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*117*		*70 - 130*	*01/29/24 11:23*	*02/03/24 21:02*	*1*
1-Chlorooctane	*104*		*70 - 130*	*01/29/24 11:23*	*02/03/24 21:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.0**		4.96		mg/Kg			02/01/24 20:56	1

Client Sample ID: New Boring 8- @ 3'

Lab Sample ID: 830-4819-47
Matrix: Solid
Date Collected: 01/23/24 09:26
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:38	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:38	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 22:38	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:38	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/29/24 14:44*	*02/03/24 22:38*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*01/29/24 14:44*	*02/03/24 22:38*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 3'

Lab Sample ID: 830-4819-47
Matrix: Solid
Date Collected: 01/23/24 09:26
Date Received: 01/25/24 13:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 22:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/24 20:21	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:23	02/03/24 20:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:23	02/03/24 20:21	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:23	02/03/24 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*125*		*70 - 130*	*01/29/24 11:23*	*02/03/24 20:21*	*1*
1-Chlorooctane	*109*		*70 - 130*	*01/29/24 11:23*	*02/03/24 20:21*	*1*

Client Sample ID: New Boring 8- @ 5'

Lab Sample ID: 830-4819-48
Matrix: Solid
Date Collected: 01/23/24 09:30
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:59	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:59	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 22:59	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:59	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*01/29/24 14:44*	*02/03/24 22:59*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*01/29/24 14:44*	*02/03/24 22:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 22:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/24 20:41	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:23	02/03/24 20:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:23	02/03/24 20:41	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:23	02/03/24 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*122*		*70 - 130*	*01/29/24 11:23*	*02/03/24 20:41*	*1*
1-Chlorooctane	*108*		*70 - 130*	*01/29/24 11:23*	*02/03/24 20:41*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 10'

Lab Sample ID: 830-4819-49
Matrix: Solid
Date Collected: 01/23/24 09:33
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 23:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 23:19	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/03/24 23:19	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:44	02/03/24 23:19	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/03/24 23:19	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:44	02/03/24 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*01/29/24 14:44*	*02/03/24 23:19*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*01/29/24 14:44*	*02/03/24 23:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 23:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**72.5**		50.3		mg/Kg			02/03/24 17:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:23	02/03/24 17:36	1
Diesel Range Organics (Over C10-C28)	**72.5**		50.3		mg/Kg		01/29/24 11:23	02/03/24 17:36	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:23	02/03/24 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*121*		*70 - 130*	*01/29/24 11:23*	*02/03/24 17:36*	*1*
1-Chlorooctane	*108*		*70 - 130*	*01/29/24 11:23*	*02/03/24 17:36*	*1*

Client Sample ID: New Boring 8- @ 15'

Lab Sample ID: 830-4819-50
Matrix: Solid
Date Collected: 01/23/24 09:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**4.59**		0.101		mg/Kg		01/29/24 14:44	02/03/24 23:40	50
Toluene	**19.7**		0.101		mg/Kg		01/29/24 14:44	02/03/24 23:40	50
Ethylbenzene	**60.6**	*+	0.990		mg/Kg		02/05/24 11:33	02/06/24 02:03	500
m,p-Xylenes	**56.7**	*+	1.98		mg/Kg		02/05/24 11:33	02/06/24 02:03	500
o-Xylene	**39.8**		0.990		mg/Kg		02/05/24 11:33	02/06/24 02:03	500
Xylenes, Total	**96.5**	*+	1.98		mg/Kg		02/05/24 11:33	02/06/24 02:03	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*435*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/03/24 23:40*	*50*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*01/29/24 14:44*	*02/03/24 23:40*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**181**		1.98		mg/Kg			02/06/24 02:03	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 15'

Lab Sample ID: 830-4819-50
Matrix: Solid
Date Collected: 01/23/24 09:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1930**		49.6		mg/Kg			02/03/24 21:23	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**415**		49.6		mg/Kg		01/29/24 11:23	02/03/24 21:23	1
Diesel Range Organics (Over C10-C28)	**1320**		49.6		mg/Kg		01/29/24 11:23	02/03/24 21:23	1
Oil Range Organics (Over C28-C36)	**192**		49.6		mg/Kg		01/29/24 11:23	02/03/24 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*70*		*70 - 130*	*01/29/24 11:23*	*02/03/24 21:23*	*1*
1-Chlorooctane	*67*	*S1-*	*70 - 130*	*01/29/24 11:23*	*02/03/24 21:23*	*1*

Client Sample ID: New Boring 8- @ 20'

Lab Sample ID: 830-4819-51
Matrix: Solid
Date Collected: 01/23/24 09:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100		mg/Kg		01/29/24 14:44	02/04/24 02:06	50
Toluene	**2.77**		0.100		mg/Kg		01/29/24 14:44	02/04/24 02:06	50
Ethylbenzene	**4.89**	***+**	0.100		mg/Kg		01/29/24 14:44	02/04/24 02:06	50
m,p-Xylenes	**4.55**	***+**	0.200		mg/Kg		01/29/24 14:44	02/04/24 02:06	50
o-Xylene	**1.86**	***+**	0.100		mg/Kg		01/29/24 14:44	02/04/24 02:06	50
Xylenes, Total	**6.41**	***+**	0.200		mg/Kg		01/29/24 14:44	02/04/24 02:06	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 02:06*	*50*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*01/29/24 14:44*	*02/04/24 02:06*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**14.1**		0.200		mg/Kg			02/04/24 02:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1060**		50.3		mg/Kg			02/03/24 22:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**238**		50.3		mg/Kg		01/29/24 11:23	02/03/24 22:04	1
Diesel Range Organics (Over C10-C28)	**723**		50.3		mg/Kg		01/29/24 11:23	02/03/24 22:04	1
Oil Range Organics (Over C28-C36)	**103**		50.3		mg/Kg		01/29/24 11:23	02/03/24 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*99*		*70 - 130*	*01/29/24 11:23*	*02/03/24 22:04*	*1*
1-Chlorooctane	*93*		*70 - 130*	*01/29/24 11:23*	*02/03/24 22:04*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 25'

Lab Sample ID: 830-4819-52
Matrix: Solid
Date Collected: 01/23/24 09:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.450		0.0996		mg/Kg		01/29/24 14:44	02/04/24 02:26	50
Toluene	17.8		0.497		mg/Kg		02/02/24 10:19	02/05/24 13:07	250
Ethylbenzene	18.4	*+	0.497		mg/Kg		02/02/24 10:19	02/05/24 13:07	250
m,p-Xylenes	22.8	*+	0.199		mg/Kg		01/29/24 14:44	02/04/24 02:26	50
o-Xylene	10.0	*+	0.0996		mg/Kg		01/29/24 14:44	02/04/24 02:26	50
Xylenes, Total	32.8	*+	0.199		mg/Kg		01/29/24 14:44	02/04/24 02:26	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*257*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 02:26*	*50*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:44*	*02/04/24 02:26*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	69.5		0.497		mg/Kg			02/05/24 13:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	518		50.1		mg/Kg			02/03/24 22:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:23	02/03/24 22:25	1
Diesel Range Organics (Over C10-C28)	449		50.1		mg/Kg		01/29/24 11:23	02/03/24 22:25	1
Oil Range Organics (Over C28-C36)	69.0		50.1		mg/Kg		01/29/24 11:23	02/03/24 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*70 - 130*	*01/29/24 11:23*	*02/03/24 22:25*	*1*
1-Chlorooctane	*85*		*70 - 130*	*01/29/24 11:23*	*02/03/24 22:25*	*1*

Client Sample ID: New Boring 8- @ 30'

Lab Sample ID: 830-4819-53
Matrix: Solid
Date Collected: 01/23/24 10:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.09		0.0994		mg/Kg		01/29/24 14:44	02/04/24 02:47	50
Toluene	63.8		1.99		mg/Kg		02/02/24 10:19	02/05/24 14:08	1000
Ethylbenzene	63.8	*+	1.99		mg/Kg		02/02/24 10:19	02/05/24 14:08	1000
m,p-Xylenes	55.5	*+	3.98		mg/Kg		02/02/24 10:19	02/05/24 14:08	1000
o-Xylene	28.4	*+	1.99		mg/Kg		02/02/24 10:19	02/05/24 14:08	1000
Xylenes, Total	83.9	*+	3.98		mg/Kg		02/02/24 10:19	02/05/24 14:08	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*384*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 02:47*	*50*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*01/29/24 14:44*	*02/04/24 02:47*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	214		3.98		mg/Kg			02/05/24 14:08	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 30'

Lab Sample ID: 830-4819-53
Matrix: Solid
Date Collected: 01/23/24 10:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1800		50.1		mg/Kg			02/03/24 22:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	334		50.1		mg/Kg		01/29/24 11:23	02/03/24 22:45	1
Diesel Range Organics (Over C10-C28)	1280		50.1		mg/Kg		01/29/24 11:23	02/03/24 22:45	1
Oil Range Organics (Over C28-C36)	184		50.1		mg/Kg		01/29/24 11:23	02/03/24 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*111*		*70 - 130*	*01/29/24 11:23*	*02/03/24 22:45*	*1*
1-Chlorooctane	*102*		*70 - 130*	*01/29/24 11:23*	*02/03/24 22:45*	*1*

Client Sample ID: New Boring 8- @ 40'

Lab Sample ID: 830-4819-54
Matrix: Solid
Date Collected: 01/23/24 10:18
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	17.8		1.98		mg/Kg		02/02/24 10:19	02/05/24 14:29	1000
Toluene	227		1.98		mg/Kg		02/02/24 10:19	02/05/24 14:29	1000
Ethylbenzene	144	*+	1.98		mg/Kg		02/02/24 10:19	02/05/24 14:29	1000
m,p-Xylenes	123	*+	3.96		mg/Kg		02/02/24 10:19	02/05/24 14:29	1000
o-Xylene	51.2	*+	1.98		mg/Kg		02/02/24 10:19	02/05/24 14:29	1000
Xylenes, Total	174	*+	3.96		mg/Kg		02/02/24 10:19	02/05/24 14:29	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*460*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 03:07*	*50*
1,4-Difluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 03:07*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	563		3.96		mg/Kg			02/05/24 14:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	11800		253		mg/Kg			02/03/24 23:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	3560		253		mg/Kg		01/29/24 11:23	02/03/24 23:06	5
Diesel Range Organics (Over C10-C28)	7150		253		mg/Kg		01/29/24 11:23	02/03/24 23:06	5
Oil Range Organics (Over C28-C36)	1130		253		mg/Kg		01/29/24 11:23	02/03/24 23:06	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*125*		*70 - 130*	*01/29/24 11:23*	*02/03/24 23:06*	*5*
1-Chlorooctane	*162*	*S1+*	*70 - 130*	*01/29/24 11:23*	*02/03/24 23:06*	*5*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 50'

Lab Sample ID: 830-4819-55
Matrix: Solid
Date Collected: 01/23/24 10:31
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.57		0.100		mg/Kg		01/29/24 14:44	02/04/24 03:28	50
Toluene	99.3		2.00		mg/Kg		02/02/24 10:19	02/05/24 14:49	1000
Ethylbenzene	91.6	*+	2.00		mg/Kg		02/02/24 10:19	02/05/24 14:49	1000
m,p-Xylenes	77.4	*+	3.99		mg/Kg		02/02/24 10:19	02/05/24 14:49	1000
o-Xylene	32.7	*+	2.00		mg/Kg		02/02/24 10:19	02/05/24 14:49	1000
Xylenes, Total	110	*+	3.99		mg/Kg		02/02/24 10:19	02/05/24 14:49	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*457*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 03:28*	*50*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:44*	*02/04/24 03:28*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	306		3.99		mg/Kg			02/05/24 14:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6870		249		mg/Kg			02/15/24 17:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1130		249		mg/Kg		02/06/24 11:23	02/15/24 17:42	5
Diesel Range Organics (Over C10-C28)	5740		249		mg/Kg		02/06/24 11:23	02/15/24 17:42	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		02/06/24 11:23	02/15/24 17:42	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*02/06/24 11:23*	*02/15/24 17:42*	*5*
o-Terphenyl (Surr)	*87*		*70 - 130*	*02/06/24 11:23*	*02/15/24 17:42*	*5*

Client Sample ID: New Boring 8- @ 60'

Lab Sample ID: 830-4819-56
Matrix: Solid
Date Collected: 01/23/24 10:41
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.214		0.0996		mg/Kg		01/29/24 14:44	02/04/24 03:48	50
Toluene	3.87		0.0996		mg/Kg		01/29/24 14:44	02/04/24 03:48	50
Ethylbenzene	8.33	*+	0.0996		mg/Kg		01/29/24 14:44	02/04/24 03:48	50
m,p-Xylenes	7.02	*+	0.199		mg/Kg		01/29/24 14:44	02/04/24 03:48	50
o-Xylene	3.34	*+	0.0996		mg/Kg		01/29/24 14:44	02/04/24 03:48	50
Xylenes, Total	10.4	*+	0.199		mg/Kg		01/29/24 14:44	02/04/24 03:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*189*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 03:48*	*50*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:44*	*02/04/24 03:48*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	22.8		0.199		mg/Kg			02/04/24 03:48	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 60'

Lab Sample ID: 830-4819-56
Matrix: Solid
Date Collected: 01/23/24 10:41
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**860**		49.7	mg/Kg			02/03/24 23:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7	mg/Kg		01/29/24 11:23	02/03/24 23:47	1
Diesel Range Organics (Over C10-C28)	**751**		49.7	mg/Kg		01/29/24 11:23	02/03/24 23:47	1
Oil Range Organics (Over C28-C36)	**109**		49.7	mg/Kg		01/29/24 11:23	02/03/24 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*22*	*S1-*	*70 - 130*	*01/29/24 11:23*	*02/03/24 23:47*	*1*
1-Chlorooctane	*23*	*S1-*	*70 - 130*	*01/29/24 11:23*	*02/03/24 23:47*	*1*

Client Sample ID: New Boring 8- @ 70'

Lab Sample ID: 830-4819-57
Matrix: Solid
Date Collected: 01/23/24 10:52
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:44	02/04/24 01:05	1
Toluene	**0.0546**		0.00199	mg/Kg		01/29/24 14:44	02/04/24 01:05	1
Ethylbenzene	**0.245**	*+	0.00199	mg/Kg		01/29/24 14:44	02/04/24 01:05	1
m,p-Xylenes	**0.239**	*+	0.00398	mg/Kg		01/29/24 14:44	02/04/24 01:05	1
o-Xylene	**0.134**	*+	0.00199	mg/Kg		01/29/24 14:44	02/04/24 01:05	1
Xylenes, Total	**0.373**	*+	0.00398	mg/Kg		01/29/24 14:44	02/04/24 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*163*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 01:05*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/29/24 14:44*	*02/04/24 01:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.673**		0.00398	mg/Kg			02/04/24 01:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**422**		50.4	mg/Kg			02/04/24 00:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4	mg/Kg		01/29/24 11:23	02/04/24 00:08	1
Diesel Range Organics (Over C10-C28)	**361**		50.4	mg/Kg		01/29/24 11:23	02/04/24 00:08	1
Oil Range Organics (Over C28-C36)	**60.7**		50.4	mg/Kg		01/29/24 11:23	02/04/24 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*97*		*70 - 130*	*01/29/24 11:23*	*02/04/24 00:08*	*1*
1-Chlorooctane	*87*		*70 - 130*	*01/29/24 11:23*	*02/04/24 00:08*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 80'

Lab Sample ID: 830-4819-58
Matrix: Solid
Date Collected: 01/23/24 10:58
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.202		0.0998		mg/Kg		01/29/24 14:44	02/04/24 04:08	50
Toluene	1.71		0.0998		mg/Kg		01/29/24 14:44	02/04/24 04:08	50
Ethylbenzene	3.24	*+	0.0998		mg/Kg		01/29/24 14:44	02/04/24 04:08	50
m,p-Xylenes	3.41	*+	0.200		mg/Kg		01/29/24 14:44	02/04/24 04:08	50
o-Xylene	1.40	*+	0.0998		mg/Kg		01/29/24 14:44	02/04/24 04:08	50
Xylenes, Total	4.81	*+	0.200		mg/Kg		01/29/24 14:44	02/04/24 04:08	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*166*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 04:08*	*50*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*01/29/24 14:44*	*02/04/24 04:08*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.96		0.200		mg/Kg			02/04/24 04:08	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1300		50.2		mg/Kg			02/04/24 00:28	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	103		50.2		mg/Kg		01/29/24 11:23	02/04/24 00:28	1
Diesel Range Organics (Over C10-C28)	1040		50.2		mg/Kg		01/29/24 11:23	02/04/24 00:28	1
Oil Range Organics (Over C28-C36)	152		50.2		mg/Kg		01/29/24 11:23	02/04/24 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*84*		*70 - 130*	*01/29/24 11:23*	*02/04/24 00:28*	*1*
1-Chlorooctane	*78*		*70 - 130*	*01/29/24 11:23*	*02/04/24 00:28*	*1*

Client Sample ID: New Boring 8- @ 90'

Lab Sample ID: 830-4819-59
Matrix: Solid
Date Collected: 01/23/24 11:06
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00227		0.00201		mg/Kg		01/29/24 14:44	02/04/24 01:25	1
Toluene	0.0415		0.00201		mg/Kg		01/29/24 14:44	02/04/24 01:25	1
Ethylbenzene	0.0728	*+	0.00201		mg/Kg		01/29/24 14:44	02/04/24 01:25	1
m,p-Xylenes	0.0702	*+	0.00402		mg/Kg		01/29/24 14:44	02/04/24 01:25	1
o-Xylene	0.0521	*+	0.00201		mg/Kg		01/29/24 14:44	02/04/24 01:25	1
Xylenes, Total	0.122	*+	0.00402		mg/Kg		01/29/24 14:44	02/04/24 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 01:25*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*01/29/24 14:44*	*02/04/24 01:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.239		0.00402		mg/Kg			02/04/24 01:25	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 90'

Lab Sample ID: 830-4819-59
Matrix: Solid
Date Collected: 01/23/24 11:06
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**93.8**		49.9	mg/Kg			02/04/24 00:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9	mg/Kg		01/29/24 11:23	02/04/24 00:49	1
Diesel Range Organics (Over C10-C28)	**93.8**		49.9	mg/Kg		01/29/24 11:23	02/04/24 00:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/29/24 11:23	02/04/24 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*107*		*70 - 130*	*01/29/24 11:23*	*02/04/24 00:49*	*1*
1-Chlorooctane	*96*		*70 - 130*	*01/29/24 11:23*	*02/04/24 00:49*	*1*

Client Sample ID: New Boring 8- @ 100'

Lab Sample ID: 830-4819-60
Matrix: Solid
Date Collected: 01/23/24 11:12
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:44	02/04/24 01:46	1
Toluene	**0.00391**		0.00200	mg/Kg		01/29/24 14:44	02/04/24 01:46	1
Ethylbenzene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:44	02/04/24 01:46	1
m,p-Xylenes	<0.00401	U *+	0.00401	mg/Kg		01/29/24 14:44	02/04/24 01:46	1
o-Xylene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:44	02/04/24 01:46	1
Xylenes, Total	<0.00401	U *+	0.00401	mg/Kg		01/29/24 14:44	02/04/24 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:44*	*02/04/24 01:46*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*01/29/24 14:44*	*02/04/24 01:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			02/04/24 01:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/04/24 01:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0	mg/Kg		01/29/24 11:23	02/04/24 01:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/29/24 11:23	02/04/24 01:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/29/24 11:23	02/04/24 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*116*		*70 - 130*	*01/29/24 11:23*	*02/04/24 01:10*	*1*
1-Chlorooctane	*103*		*70 - 130*	*01/29/24 11:23*	*02/04/24 01:10*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: TB-01-23-24-01

Lab Sample ID: 830-4819-61
Matrix: Water
Date Collected: 01/23/24 00:00
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			01/30/24 13:11	1
Toluene	<0.00200	U	0.00200		mg/L			01/30/24 13:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			01/30/24 13:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L			01/30/24 13:11	1
o-Xylene	<0.00200	U	0.00200		mg/L			01/30/24 13:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			01/30/24 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*		*01/30/24 13:11*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*		*01/30/24 13:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/L			01/30/24 13:11	1

Client Sample ID: New Boring 9- @ 0-1 '

Lab Sample ID: 830-4819-62
Matrix: Solid
Date Collected: 01/23/24 12:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:47	02/04/24 17:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:47	02/04/24 17:48	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:47	02/04/24 17:48	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:47	02/04/24 17:48	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:47	02/04/24 17:48	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:47	02/04/24 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 17:48*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*01/29/24 14:47*	*02/04/24 17:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 17:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/04/24 03:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		01/29/24 11:25	02/04/24 03:55	1
Diesel Range Organics (Over C10-C28)	<50.2	U *1	50.2		mg/Kg		01/29/24 11:25	02/04/24 03:55	1
Oll Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:25	02/04/24 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*137*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/04/24 03:55*	*1*
1-Chlorooctane	*122*		*70 - 130*	*01/29/24 11:25*	*02/04/24 03:55*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 0-1 '

Lab Sample ID: 830-4819-62
Matrix: Solid
Date Collected: 01/23/24 12:40
Date Received: 01/25/24 13:43

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.4		4.95		mg/Kg			02/01/24 21:16	1

Client Sample ID: New Boring 9- @ 3'

Lab Sample ID: 830-4819-63
Matrix: Solid
Date Collected: 01/23/24 12:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:09	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:09	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 18:09	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:09	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 18:09*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*01/29/24 14:47*	*02/04/24 18:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 18:09	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/04/24 04:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:25	02/04/24 04:16	1
Diesel Range Organics (Over C10-C28)	<50.5	U *1	50.5		mg/Kg		01/29/24 11:25	02/04/24 04:16	1
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:25	02/04/24 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*118*		*70 - 130*	*01/29/24 11:25*	*02/04/24 04:16*	*1*
1-Chlorooctane	*104*		*70 - 130*	*01/29/24 11:25*	*02/04/24 04:16*	*1*

Client Sample ID: New Boring 9- @ 5'

Lab Sample ID: 830-4819-64
Matrix: Solid
Date Collected: 01/23/24 12:50
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:29	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:29	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 18:29	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:29	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 18:29	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 5'

Lab Sample ID: 830-4819-64
Matrix: Solid
Date Collected: 01/23/24 12:50
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*01/29/24 14:47*	*02/04/24 18:29*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/29/24 14:47*	*02/04/24 18:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			02/04/24 18:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**97.2**		49.7	mg/Kg			02/04/24 02:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U F1	49.7	mg/Kg		01/29/24 11:25	02/04/24 02:53	1
Diesel Range Organics (Over C10-C28)	**97.2**	***1 F1**	49.7	mg/Kg		01/29/24 11:25	02/04/24 02:53	1
Oll Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		01/29/24 11:25	02/04/24 02:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*83*		*70 - 130*	*01/29/24 11:25*	*02/04/24 02:53*	*1*
1-Chlorooctane	*74*		*70 - 130*	*01/29/24 11:25*	*02/04/24 02:53*	*1*

Client Sample ID: New Boring 9- @ 10'

Lab Sample ID: 830-4819-65
Matrix: Solid
Date Collected: 01/23/24 12:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 18:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 18:49	1
Ethylbenzene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:47	02/04/24 18:49	1
m,p-Xylenes	<0.00399	U *+	0.00399	mg/Kg		01/29/24 14:47	02/04/24 18:49	1
o-Xylene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:47	02/04/24 18:49	1
Xylenes, Total	<0.00399	U *+	0.00399	mg/Kg		01/29/24 14:47	02/04/24 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 18:49*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*01/29/24 14:47*	*02/04/24 18:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/04/24 18:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/04/24 04:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0	mg/Kg		01/29/24 11:25	02/04/24 04:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/29/24 11:25	02/04/24 04:36	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/29/24 11:25	02/04/24 04:36	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 10'

Lab Sample ID: 830-4819-65
Matrix: Solid
Date Collected: 01/23/24 12:55
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	116		70 - 130	01/29/24 11:25	02/04/24 04:36	1
1-Chlorooctane	102		70 - 130	01/29/24 11:25	02/04/24 04:36	1

Client Sample ID: New Boring 9- @ 15'

Lab Sample ID: 830-4819-66
Matrix: Solid
Date Collected: 01/23/24 13:00
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/29/24 14:47	02/04/24 19:10	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/29/24 14:47	02/04/24 19:10	1
Ethylbenzene	<0.00201	U *+	0.00201	mg/Kg		01/29/24 14:47	02/04/24 19:10	1
m,p-Xylenes	<0.00402	U *+	0.00402	mg/Kg		01/29/24 14:47	02/04/24 19:10	1
o-Xylene	<0.00201	U *+	0.00201	mg/Kg		01/29/24 14:47	02/04/24 19:10	1
Xylenes, Total	<0.00402	U *+	0.00402	mg/Kg		01/29/24 14:47	02/04/24 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	01/29/24 14:47	02/04/24 19:10	1
1,4-Difluorobenzene (Surr)	57	S1-	70 - 130	01/29/24 14:47	02/04/24 19:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			02/04/24 19:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/04/24 04:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0	mg/Kg		01/29/24 11:25	02/04/24 04:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/29/24 11:25	02/04/24 04:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/29/24 11:25	02/04/24 04:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	123		70 - 130	01/29/24 11:25	02/04/24 04:57	1
1-Chlorooctane	109		70 - 130	01/29/24 11:25	02/04/24 04:57	1

Client Sample ID: New Boring 9- @ 20'

Lab Sample ID: 830-4819-67
Matrix: Solid
Date Collected: 01/23/24 13:07
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 19:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 19:30	1
Ethylbenzene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:47	02/04/24 19:30	1
m,p-Xylenes	<0.00401	U *+	0.00401	mg/Kg		01/29/24 14:47	02/04/24 19:30	1
o-Xylene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:47	02/04/24 19:30	1
Xylenes, Total	<0.00401	U *+	0.00401	mg/Kg		01/29/24 14:47	02/04/24 19:30	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 20'

Lab Sample ID: 830-4819-67
Matrix: Solid
Date Collected: 01/23/24 13:07
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 19:30*	*1*
1,4-Difluorobenzene (Surr)	*62*	*S1-*	*70 - 130*	*01/29/24 14:47*	*02/04/24 19:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			02/04/24 19:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			02/04/24 05:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8	mg/Kg		01/29/24 11:25	02/04/24 05:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8	mg/Kg		01/29/24 11:25	02/04/24 05:18	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/29/24 11:25	02/04/24 05:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*116*		*70 - 130*	*01/29/24 11:25*	*02/04/24 05:18*	*1*
1-Chlorooctane	*101*		*70 - 130*	*01/29/24 11:25*	*02/04/24 05:18*	*1*

Client Sample ID: New Boring 9- @ 25'

Lab Sample ID: 830-4819-68
Matrix: Solid
Date Collected: 01/23/24 13:15
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:47	02/04/24 19:51	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:47	02/04/24 19:51	1
Ethylbenzene	<0.00199	U *+	0.00199	mg/Kg		01/29/24 14:47	02/04/24 19:51	1
m,p-Xylenes	<0.00398	U *+	0.00398	mg/Kg		01/29/24 14:47	02/04/24 19:51	1
o-Xylene	<0.00199	U *+	0.00199	mg/Kg		01/29/24 14:47	02/04/24 19:51	1
Xylenes, Total	<0.00398	U *+	0.00398	mg/Kg		01/29/24 14:47	02/04/24 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*01/29/24 14:47*	*02/04/24 19:51*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*01/29/24 14:47*	*02/04/24 19:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			02/04/24 19:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6	mg/Kg			02/04/24 05:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6	mg/Kg		01/29/24 11:25	02/04/24 05:38	1
Diesel Range Organics (Over C10-C28)	<49.6	U *1	49.6	mg/Kg		01/29/24 11:25	02/04/24 05:38	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6	mg/Kg		01/29/24 11:25	02/04/24 05:38	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 25'

Lab Sample ID: 830-4819-68
Matrix: Solid
Date Collected: 01/23/24 13:15
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*77*		*70 - 130*	*01/29/24 11:25*	*02/04/24 05:38*	*1*
1-Chlorooctane	*70*		*70 - 130*	*01/29/24 11:25*	*02/04/24 05:38*	*1*

Client Sample ID: New Boring 9- @ 30'

Lab Sample ID: 830-4819-69
Matrix: Solid
Date Collected: 01/23/24 13:20
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:47	02/04/24 20:11	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:47	02/04/24 20:11	1
Ethylbenzene	<0.00199	U *+	0.00199	mg/Kg		01/29/24 14:47	02/04/24 20:11	1
m,p-Xylenes	<0.00398	U *+	0.00398	mg/Kg		01/29/24 14:47	02/04/24 20:11	1
o-Xylene	<0.00199	U *+	0.00199	mg/Kg		01/29/24 14:47	02/04/24 20:11	1
Xylenes, Total	<0.00398	U *+	0.00398	mg/Kg		01/29/24 14:47	02/04/24 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 20:11*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*01/29/24 14:47*	*02/04/24 20:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			02/04/24 20:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			02/09/24 14:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1	mg/Kg		01/29/24 11:25	02/09/24 14:41	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1	mg/Kg		01/29/24 11:25	02/09/24 14:41	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		01/29/24 11:25	02/09/24 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*162*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/09/24 14:41*	*1*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/09/24 14:41*	*1*

Client Sample ID: New Boring 9- @ 40'

Lab Sample ID: 830-4819-70
Matrix: Solid
Date Collected: 01/23/24 13:30
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 20:32	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 20:32	1
Ethylbenzene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:47	02/04/24 20:32	1
m,p-Xylenes	<0.00399	U *+	0.00399	mg/Kg		01/29/24 14:47	02/04/24 20:32	1
o-Xylene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:47	02/04/24 20:32	1
Xylenes, Total	<0.00399	U *+	0.00399	mg/Kg		01/29/24 14:47	02/04/24 20:32	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 40'

Lab Sample ID: 830-4819-70
Matrix: Solid
Date Collected: 01/23/24 13:30
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*01/29/24 14:47*	*02/04/24 20:32*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/29/24 14:47*	*02/04/24 20:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/04/24 20:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4	mg/Kg			02/04/24 06:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4	mg/Kg		01/29/24 11:25	02/04/24 06:20	1
Diesel Range Organics (Over C10-C28)	<50.4	U *1	50.4	mg/Kg		01/29/24 11:25	02/04/24 06:20	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4	mg/Kg		01/29/24 11:25	02/04/24 06:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*118*		*70 - 130*	*01/29/24 11:25*	*02/04/24 06:20*	*1*
1-Chlorooctane	*104*		*70 - 130*	*01/29/24 11:25*	*02/04/24 06:20*	*1*

Client Sample ID: New Boring 9- @ 50'

Lab Sample ID: 830-4819-71
Matrix: Solid
Date Collected: 01/23/24 13:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/29/24 14:47	02/04/24 20:52	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/29/24 14:47	02/04/24 20:52	1
Ethylbenzene	<0.00201	U *+	0.00201	mg/Kg		01/29/24 14:47	02/04/24 20:52	1
m,p-Xylenes	<0.00402	U *+	0.00402	mg/Kg		01/29/24 14:47	02/04/24 20:52	1
o-Xylene	<0.00201	U *+	0.00201	mg/Kg		01/29/24 14:47	02/04/24 20:52	1
Xylenes, Total	<0.00402	U *+	0.00402	mg/Kg		01/29/24 14:47	02/04/24 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*01/29/24 14:47*	*02/04/24 20:52*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*01/29/24 14:47*	*02/04/24 20:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			02/04/24 20:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4	mg/Kg			02/04/24 06:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4	mg/Kg		01/29/24 11:25	02/04/24 06:40	1
Diesel Range Organics (Over C10-C28)	<50.4	U *1	50.4	mg/Kg		01/29/24 11:25	02/04/24 06:40	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4	mg/Kg		01/29/24 11:25	02/04/24 06:40	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 50'

Lab Sample ID: 830-4819-71
Matrix: Solid
Date Collected: 01/23/24 13:40
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	100		70 - 130	01/29/24 11:25	02/04/24 06:40	1
1-Chlorooctane	88		70 - 130	01/29/24 11:25	02/04/24 06:40	1

Client Sample ID: New Boring 10- @ 0-1 '

Lab Sample ID: 830-4819-72
Matrix: Solid
Date Collected: 01/23/24 13:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 22:14	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 22:14	1
Ethylbenzene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:47	02/04/24 22:14	1
m,p-Xylenes	<0.00401	U *+	0.00401	mg/Kg		01/29/24 14:47	02/04/24 22:14	1
o-Xylene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:47	02/04/24 22:14	1
Xylenes, Total	<0.00401	U *+	0.00401	mg/Kg		01/29/24 14:47	02/04/24 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	01/29/24 14:47	02/04/24 22:14	1
1,4-Difluorobenzene (Surr)	72		70 - 130	01/29/24 14:47	02/04/24 22:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			02/04/24 22:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			02/09/24 15:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9	mg/Kg		01/29/24 11:25	02/09/24 15:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/29/24 11:25	02/09/24 15:02	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/29/24 11:25	02/09/24 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	154	S1+	70 - 130	01/29/24 11:25	02/09/24 15:02	1
1-Chlorooctane	136	S1+	70 - 130	01/29/24 11:25	02/09/24 15:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.28		4.95	mg/Kg			02/01/24 21:23	1

Client Sample ID: New Boring 10- @ 3 '

Lab Sample ID: 830-4819-73
Matrix: Solid
Date Collected: 01/23/24 13:51
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:47	02/04/24 22:34	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:47	02/04/24 22:34	1
Ethylbenzene	<0.00199	U *+	0.00199	mg/Kg		01/29/24 14:47	02/04/24 22:34	1
m,p-Xylenes	<0.00398	U *+	0.00398	mg/Kg		01/29/24 14:47	02/04/24 22:34	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 3 '

Lab Sample ID: 830-4819-73
Matrix: Solid
Date Collected: 01/23/24 13:51
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:34	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*01/29/24 14:47*	*02/04/24 22:34*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*01/29/24 14:47*	*02/04/24 22:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 22:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/04/24 07:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:25	02/04/24 07:42	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		01/29/24 11:25	02/04/24 07:42	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:25	02/04/24 07:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*110*		*70 - 130*	*01/29/24 11:25*	*02/04/24 07:42*	*1*
1-Chlorooctane	*97*		*70 - 130*	*01/29/24 11:25*	*02/04/24 07:42*	*1*

Client Sample ID: New Boring 10- @ 5 '

Lab Sample ID: 830-4819-74
Matrix: Solid
Date Collected: 01/23/24 13:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:55	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:55	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 22:55	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:55	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 22:55*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*01/29/24 14:47*	*02/04/24 22:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 22:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/04/24 08:03	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 5 '

Lab Sample ID: 830-4819-74
Matrix: Solid
Date Collected: 01/23/24 13:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0	mg/Kg		01/29/24 11:25	02/04/24 08:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/29/24 11:25	02/04/24 08:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/29/24 11:25	02/04/24 08:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*70 - 130*	*01/29/24 11:25*	*02/04/24 08:03*	*1*
1-Chlorooctane	*84*		*70 - 130*	*01/29/24 11:25*	*02/04/24 08:03*	*1*

Client Sample ID: New Boring 10- @ 10 '

Lab Sample ID: 830-4819-75
Matrix: Solid
Date Collected: 01/23/24 14:01
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 23:15	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 23:15	1
Ethylbenzene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:47	02/04/24 23:15	1
m,p-Xylenes	<0.00399	U *+	0.00399	mg/Kg		01/29/24 14:47	02/04/24 23:15	1
o-Xylene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:47	02/04/24 23:15	1
Xylenes, Total	<0.00399	U *+	0.00399	mg/Kg		01/29/24 14:47	02/04/24 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:47*	*02/04/24 23:15*	*1*
1,4-Difluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*01/29/24 14:47*	*02/04/24 23:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/04/24 23:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7	mg/Kg			02/04/24 08:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7	mg/Kg		01/29/24 11:25	02/04/24 08:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7	mg/Kg		01/29/24 11:25	02/04/24 08:23	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		01/29/24 11:25	02/04/24 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*101*		*70 - 130*	*01/29/24 11:25*	*02/04/24 08:23*	*1*
1-Chlorooctane	*90*		*70 - 130*	*01/29/24 11:25*	*02/04/24 08:23*	*1*

Client Sample ID: New Boring 10- @ 15 '

Lab Sample ID: 830-4819-76
Matrix: Solid
Date Collected: 01/23/24 14:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/29/24 14:47	02/04/24 23:36	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 15 '

Lab Sample ID: 830-4819-76
Matrix: Solid
Date Collected: 01/23/24 14:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.00345		0.00201		mg/Kg		01/29/24 14:47	02/04/24 23:36	1
Ethylbenzene	0.150	*+	0.00201		mg/Kg		01/29/24 14:47	02/04/24 23:36	1
m,p-Xylenes	0.218	*+	0.00402		mg/Kg		01/29/24 14:47	02/04/24 23:36	1
o-Xylene	0.156	*+	0.00201		mg/Kg		01/29/24 14:47	02/04/24 23:36	1
Xylenes, Total	0.374	*+	0.00402		mg/Kg		01/29/24 14:47	02/04/24 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*232*	*S1+*	*70 - 130*	*01/29/24 14:47*	*02/04/24 23:36*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:47*	*02/04/24 23:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.527		0.00402		mg/Kg			02/04/24 23:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1020		49.9		mg/Kg			02/04/24 08:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:25	02/04/24 08:44	1
Diesel Range Organics (Over C10-C28)	893	*1	49.9		mg/Kg		01/29/24 11:25	02/04/24 08:44	1
Oil Range Organics (Over C28-C36)	130		49.9		mg/Kg		01/29/24 11:25	02/04/24 08:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*211*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/04/24 08:44*	*1*
1-Chlorooctane	*198*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/04/24 08:44*	*1*

Client Sample ID: New Boring 10- @ 20 '

Lab Sample ID: 830-4819-77
Matrix: Solid
Date Collected: 01/23/24 14:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0996	U	0.0996		mg/Kg		01/29/24 14:47	02/05/24 00:58	50
Toluene	3.35		0.0996		mg/Kg		01/29/24 14:47	02/05/24 00:58	50
Ethylbenzene	8.70	*+	0.0996		mg/Kg		01/29/24 14:47	02/05/24 00:58	50
m,p-Xylenes	9.88	*+	0.199		mg/Kg		01/29/24 14:47	02/05/24 00:58	50
o-Xylene	1.31	*+	0.0996		mg/Kg		01/29/24 14:47	02/05/24 00:58	50
Xylenes, Total	11.2	*+	0.199		mg/Kg		01/29/24 14:47	02/05/24 00:58	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*239*	*S1+*	*70 - 130*	*01/29/24 14:47*	*02/05/24 00:58*	*50*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:47*	*02/05/24 00:58*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	23.2		0.199		mg/Kg			02/05/24 00:58	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 20 '

Lab Sample ID: 830-4819-77
Matrix: Solid
Date Collected: 01/23/24 14:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**435**		50.3		mg/Kg			02/04/24 09:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**64.2**		50.3		mg/Kg		01/29/24 11:25	02/04/24 09:05	1
Diesel Range Organics (Over C10-C28)	**320**	***1**	50.3		mg/Kg		01/29/24 11:25	02/04/24 09:05	1
OII Range Organics (Over C28-C36)	**50.9**		50.3		mg/Kg		01/29/24 11:25	02/04/24 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*101*		*70 - 130*	*01/29/24 11:25*	*02/04/24 09:05*	*1*
1-Chlorooctane	*92*		*70 - 130*	*01/29/24 11:25*	*02/04/24 09:05*	*1*

Client Sample ID: New Boring 10- @ 25 '

Lab Sample ID: 830-4819-78
Matrix: Solid
Date Collected: 01/23/24 14:19
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		01/29/24 14:47	02/05/24 01:18	50
Toluene	**6.47**		0.0994		mg/Kg		01/29/24 14:47	02/05/24 01:18	50
Ethylbenzene	**22.1**	***+**	1.00		mg/Kg		02/02/24 10:19	02/05/24 13:48	500
m,p-Xylenes	**24.3**	***+**	0.199		mg/Kg		01/29/24 14:47	02/05/24 01:18	50
o-Xylene	**12.8**	***+**	0.0994		mg/Kg		01/29/24 14:47	02/05/24 01:18	50
Xylenes, Total	**37.1**	***+**	0.199		mg/Kg		01/29/24 14:47	02/05/24 01:18	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*352*	*S1+*	*70 - 130*	*01/29/24 14:47*	*02/05/24 01:18*	*50*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:47*	*02/05/24 01:18*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**65.7**		1.00		mg/Kg			02/05/24 13:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**4970**		50.1		mg/Kg			02/09/24 15:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**637**		50.1		mg/Kg		01/29/24 11:25	02/09/24 15:44	1
Diesel Range Organics (Over C10-C28)	**4330**	***1**	50.1		mg/Kg		01/29/24 11:25	02/09/24 15:44	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:25	02/09/24 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*162*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/09/24 15:44*	*1*
1-Chlorooctane	*165*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/09/24 15:44*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 30 '

Lab Sample ID: 830-4819-79
Matrix: Solid
Date Collected: 01/23/24 14:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00337		0.00200		mg/Kg		01/29/24 14:47	02/04/24 23:56	1
Toluene	2.06		0.499		mg/Kg		02/02/24 10:19	02/05/24 13:27	250
Ethylbenzene	6.36	*+	0.499		mg/Kg		02/02/24 10:19	02/05/24 13:27	250
m,p-Xylenes	7.23	*+	0.998		mg/Kg		02/02/24 10:19	02/05/24 13:27	250
o-Xylene	3.68	*+	0.499		mg/Kg		02/02/24 10:19	02/05/24 13:27	250
Xylenes, Total	10.9	*+	0.998		mg/Kg		02/02/24 10:19	02/05/24 13:27	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*282*	*S1+*	*70 - 130*	*01/29/24 14:47*	*02/04/24 23:56*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/29/24 14:47*	*02/04/24 23:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	19.3		0.998		mg/Kg			02/05/24 13:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	833		50.5		mg/Kg			02/04/24 09:46	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	87.7		50.5		mg/Kg		01/29/24 11:25	02/04/24 09:46	1
Diesel Range Organics (Over C10-C28)	647	*1	50.5		mg/Kg		01/29/24 11:25	02/04/24 09:46	1
OII Range Organics (Over C28-C36)	98.7		50.5		mg/Kg		01/29/24 11:25	02/04/24 09:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*70 - 130*	*01/29/24 11:25*	*02/04/24 09:46*	*1*
1-Chlorooctane	*86*		*70 - 130*	*01/29/24 11:25*	*02/04/24 09:46*	*1*

Client Sample ID: New Boring 10- @ 40 '

Lab Sample ID: 830-4819-80
Matrix: Solid
Date Collected: 01/23/24 14:27
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:47	02/05/24 00:17	1
Toluene	0.0101		0.00201		mg/Kg		01/29/24 14:47	02/05/24 00:17	1
Ethylbenzene	0.240	*+	0.00201		mg/Kg		01/29/24 14:47	02/05/24 00:17	1
m,p-Xylenes	0.327	*+	0.00402		mg/Kg		01/29/24 14:47	02/05/24 00:17	1
o-Xylene	0.233	*+	0.00201		mg/Kg		01/29/24 14:47	02/05/24 00:17	1
Xylenes, Total	0.560	*+	0.00402		mg/Kg		01/29/24 14:47	02/05/24 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*204*	*S1+*	*70 - 130*	*01/29/24 14:47*	*02/05/24 00:17*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*01/29/24 14:47*	*02/05/24 00:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.810		0.00402		mg/Kg			02/05/24 00:17	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 40 '

Lab Sample ID: 830-4819-80
Matrix: Solid
Date Collected: 01/23/24 14:27
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2580**		49.8		mg/Kg			02/13/24 16:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**136**	**H**	49.8		mg/Kg		01/29/24 11:25	02/13/24 16:55	1
Diesel Range Organics (Over C10-C28)	**2440**	**H *1**	49.8		mg/Kg		01/29/24 11:25	02/13/24 16:55	1
Oll Range Organics (Over C28-C36)	<49.8	U H	49.8		mg/Kg		01/29/24 11:25	02/13/24 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*201*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/13/24 16:55*	*1*
1-Chlorooctane	*183*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/13/24 16:55*	*1*

Client Sample ID: New Boring 10- @ 50 '

Lab Sample ID: 830-4819-81
Matrix: Solid
Date Collected: 01/23/24 14:33
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		01/29/24 14:50	02/02/24 19:33	1
Toluene	**0.0267**	**F2 F1**	0.00201		mg/Kg		01/29/24 14:50	02/02/24 19:33	1
Ethylbenzene	**0.343**	**F2 F1**	0.00201		mg/Kg		01/29/24 14:50	02/02/24 19:33	1
m,p-Xylenes	**0.492**	**F2 F1**	0.00402		mg/Kg		01/29/24 14:50	02/02/24 19:33	1
o-Xylene	**0.326**	**F2 F1**	0.00201		mg/Kg		01/29/24 14:50	02/02/24 19:33	1
Xylenes, Total	**0.818**	**F2 F1**	0.00402		mg/Kg		01/29/24 14:50	02/02/24 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*176*	*S1+*	*70 - 130*	*01/29/24 14:50*	*02/02/24 19:33*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/29/24 14:50*	*02/02/24 19:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1.19**		0.00402		mg/Kg			02/02/24 19:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2060**		49.6		mg/Kg			02/09/24 16:28	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**73.2**		49.6		mg/Kg		01/29/24 11:25	02/09/24 16:28	1
Diesel Range Organics (Over C10-C28)	**1990**	***1**	49.6		mg/Kg		01/29/24 11:25	02/09/24 16:28	1
Oll Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:25	02/09/24 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/09/24 16:28*	*1*
1-Chlorooctane	*128*		*70 - 130*	*01/29/24 11:25*	*02/09/24 16:28*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 60 '

Lab Sample ID: 830-4819-82
Matrix: Solid
Date Collected: 01/23/24 14:37
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:00	1
Toluene	**0.0245**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:00	1
Ethylbenzene	**0.367**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:00	1
m,p-Xylenes	**0.541**		0.00398		mg/Kg		01/29/24 14:50	02/02/24 20:00	1
o-Xylene	**0.331**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:00	1
Xylenes, Total	**0.872**		0.00398		mg/Kg		01/29/24 14:50	02/02/24 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*213*	*S1+*	*70 - 130*	*01/29/24 14:50*	*02/02/24 20:00*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*01/29/24 14:50*	*02/02/24 20:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1.26**		0.00398		mg/Kg			02/02/24 20:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1560**		49.9		mg/Kg			02/04/24 13:13	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 13:13	1
Diesel Range Organics (Over C10-C28)	**1360**		49.9		mg/Kg		01/29/24 11:38	02/04/24 13:13	1
Oil Range Organics (Over C28-C36)	**197**		49.9		mg/Kg		01/29/24 11:38	02/04/24 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 13:13*	*1*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 13:13*	*1*

Client Sample ID: New Boring 10- @ 70 '

Lab Sample ID: 830-4819-83
Matrix: Solid
Date Collected: 01/23/24 14:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00336**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:26	1
Toluene	**0.0570**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:26	1
Ethylbenzene	**0.110**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:26	1
m,p-Xylenes	**0.133**		0.00398		mg/Kg		01/29/24 14:50	02/02/24 20:26	1
o-Xylene	**0.0986**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:26	1
Xylenes, Total	**0.232**		0.00398		mg/Kg		01/29/24 14:50	02/02/24 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*01/29/24 14:50*	*02/02/24 20:26*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*01/29/24 14:50*	*02/02/24 20:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.402**		0.00398		mg/Kg			02/02/24 20:26	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 70 '

Lab Sample ID: 830-4819-83
Matrix: Solid
Date Collected: 01/23/24 14:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**66.8**		49.6	mg/Kg			02/04/24 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)	<49.6	U	49.6	mg/Kg		01/29/24 11:38	02/04/24 13:34	1
Diesel Range Organics (Over C10-C28)	**66.8**		49.6	mg/Kg		01/29/24 11:38	02/04/24 13:34	1
Oll Range Organics (Over C28-C36)	<49.6	U	49.6	mg/Kg		01/29/24 11:38	02/04/24 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 13:34*	*1*
1-Chlorooctane	*121*		*70 - 130*	*01/29/24 11:38*	*02/04/24 13:34*	*1*

Client Sample ID: New Boring 10- @ 80 '

Lab Sample ID: 830-4819-84
Matrix: Solid
Date Collected: 01/23/24 14:48
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:50	02/02/24 20:52	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:50	02/02/24 20:52	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:50	02/02/24 20:52	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		01/29/24 14:50	02/02/24 20:52	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:50	02/02/24 20:52	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/29/24 14:50	02/02/24 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*01/29/24 14:50*	*02/02/24 20:52*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:50*	*02/02/24 20:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/02/24 20:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**96.1**		49.6	mg/Kg			02/04/24 13:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6	mg/Kg		01/29/24 11:38	02/04/24 13:54	1
Diesel Range Organics (Over C10-C28)	**96.1**		49.6	mg/Kg		01/29/24 11:38	02/04/24 13:54	1
Oll Range Organics (Over C28-C36)	<49.6	U	49.6	mg/Kg		01/29/24 11:38	02/04/24 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 13:54*	*1*
1-Chlorooctane	*126*		*70 - 130*	*01/29/24 11:38*	*02/04/24 13:54*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 0-1 '

Lab Sample ID: 830-4819-85
Matrix: Solid
Date Collected: 01/23/24 15:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 21:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 21:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 21:18	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:50	02/02/24 21:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 21:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:50	02/02/24 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/29/24 14:50*	*02/02/24 21:18*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/29/24 14:50*	*02/02/24 21:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/02/24 21:18	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/24 14:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 14:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 14:15	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*136*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 14:15*	*1*
1-Chlorooctane	*123*		*70 - 130*	*01/29/24 11:38*	*02/04/24 14:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**239**		4.99		mg/Kg			02/01/24 21:29	1

Client Sample ID: New Boring 11- @ 3 '

Lab Sample ID: 830-4819-86
Matrix: Solid
Date Collected: 01/23/24 15:15
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 21:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 21:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 21:45	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/29/24 14:50	02/02/24 21:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 21:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 14:50	02/02/24 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:50*	*02/02/24 21:45*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*01/29/24 14:50*	*02/02/24 21:45*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 3 '

Lab Sample ID: 830-4819-86
Matrix: Solid
Date Collected: 01/23/24 15:15
Date Received: 01/25/24 13:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/02/24 21:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/04/24 14:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:38	02/04/24 14:36	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/29/24 11:38	02/04/24 14:36	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:38	02/04/24 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 14:36*	*1*
1-Chlorooctane	*119*		*70 - 130*	*01/29/24 11:38*	*02/04/24 14:36*	*1*

Client Sample ID: New Boring 11- @ 5 '

Lab Sample ID: 830-4819-87
Matrix: Solid
Date Collected: 01/23/24 15:20
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/02/24 22:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/02/24 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:50*	*02/02/24 22:12*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/29/24 14:50*	*02/02/24 22:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/02/24 22:12	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/04/24 12:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:38	02/04/24 12:11	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/29/24 11:38	02/04/24 12:11	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:38	02/04/24 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 12:11*	*1*
1-Chlorooctane	*117*		*70 - 130*	*01/29/24 11:38*	*02/04/24 12:11*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 10 '

Lab Sample ID: 830-4819-88
Matrix: Solid
Date Collected: 01/23/24 15:30
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/02/24 22:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/02/24 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*01/29/24 14:50*	*02/02/24 22:39*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*01/29/24 14:50*	*02/02/24 22:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/02/24 22:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/04/24 14:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		01/29/24 11:38	02/04/24 14:57	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/29/24 11:38	02/04/24 14:57	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:38	02/04/24 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 14:57*	*1*
1-Chlorooctane	*120*		*70 - 130*	*01/29/24 11:38*	*02/04/24 14:57*	*1*

Client Sample ID: New Boring 11- @ 15 '

Lab Sample ID: 830-4819-89
Matrix: Solid
Date Collected: 01/23/24 15:35
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 23:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 23:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 23:06	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:50	02/02/24 23:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 23:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:50	02/02/24 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*01/29/24 14:50*	*02/02/24 23:06*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*01/29/24 14:50*	*02/02/24 23:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/02/24 23:06	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 15 '

Lab Sample ID: 830-4819-89
Matrix: Solid
Date Collected: 01/23/24 15:35
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/24 15:18	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 15:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 15:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 15:18*	*1*
1-Chlorooctane	*123*		*70 - 130*	*01/29/24 11:38*	*02/04/24 15:18*	*1*

Client Sample ID: New Boring 11- @ 20 '

Lab Sample ID: 830-4819-90
Matrix: Solid
Date Collected: 01/23/24 15:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 23:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 23:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 23:32	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:50	02/02/24 23:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 23:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:50	02/02/24 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:50*	*02/02/24 23:32*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:50*	*02/02/24 23:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/02/24 23:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			02/04/24 15:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.5	U	49.5		mg/Kg		01/29/24 11:38	02/04/24 15:38	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		01/29/24 11:38	02/04/24 15:38	1
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		01/29/24 11:38	02/04/24 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 15:38*	*1*
1-Chlorooctane	*118*		*70 - 130*	*01/29/24 11:38*	*02/04/24 15:38*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 25'

Lab Sample ID: 830-4819-91
Matrix: Solid
Date Collected: 01/23/24 15:48
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 01:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 01:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 01:18	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/29/24 14:50	02/03/24 01:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 01:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 14:50	02/03/24 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:50*	*02/03/24 01:18*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*01/29/24 14:50*	*02/03/24 01:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/03/24 01:18	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/24 15:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 15:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 15:59	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 15:59*	*1*
1-Chlorooctane	*122*		*70 - 130*	*01/29/24 11:38*	*02/04/24 15:59*	*1*

Client Sample ID: New Boring 11- @ 30'

Lab Sample ID: 830-4819-92
Matrix: Solid
Date Collected: 01/23/24 15:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 01:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 01:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 01:45	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 01:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 01:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*01/29/24 14:50*	*02/03/24 01:45*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*01/29/24 14:50*	*02/03/24 01:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 01:45	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 30'

Lab Sample ID: 830-4819-92
Matrix: Solid
Date Collected: 01/23/24 15:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/04/24 16:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		01/29/24 11:38	02/04/24 16:40	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/29/24 11:38	02/04/24 16:40	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:38	02/04/24 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*129*		*70 - 130*	*01/29/24 11:38*	*02/04/24 16:40*	*1*
1-Chlorooctane	*114*		*70 - 130*	*01/29/24 11:38*	*02/04/24 16:40*	*1*

Client Sample ID: New Boring 11- @ 40'

Lab Sample ID: 830-4819-93
Matrix: Solid
Date Collected: 01/23/24 16:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 02:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 02:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 02:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 02:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 02:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/29/24 14:50*	*02/03/24 02:12*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/29/24 14:50*	*02/03/24 02:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 02:12	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/04/24 17:01	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:38	02/04/24 17:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/29/24 11:38	02/04/24 17:01	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:38	02/04/24 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 17:01*	*1*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 17:01*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 50'

Lab Sample ID: 830-4819-94
Matrix: Solid
Date Collected: 01/23/24 16:15
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 02:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 02:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 02:39	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:50	02/03/24 02:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 02:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:50	02/03/24 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:50*	*02/03/24 02:39*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*01/29/24 14:50*	*02/03/24 02:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 02:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/04/24 17:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:38	02/04/24 17:22	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/29/24 11:38	02/04/24 17:22	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:38	02/04/24 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*151*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 17:22*	*1*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 17:22*	*1*

Client Sample ID: Confirmation Boring 3 @ 0-1'

Lab Sample ID: 830-4819-95
Matrix: Solid
Date Collected: 01/22/24 12:00
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100		mg/Kg		01/29/24 14:50	02/03/24 04:25	50
Toluene	**0.458**		0.100		mg/Kg		01/29/24 14:50	02/03/24 04:25	50
Ethylbenzene	**0.663**		0.100		mg/Kg		01/29/24 14:50	02/03/24 04:25	50
m,p-Xylenes	<0.201	U	0.201		mg/Kg		01/29/24 14:50	02/03/24 04:25	50
o-Xylene	**0.238**		0.100		mg/Kg		01/29/24 14:50	02/03/24 04:25	50
Xylenes, Total	**0.238**		0.201		mg/Kg		01/29/24 14:50	02/03/24 04:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:50*	*02/03/24 04:25*	*50*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*01/29/24 14:50*	*02/03/24 04:25*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1.36**		0.201		mg/Kg			02/03/24 04:25	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 3 @ 0-1'

Lab Sample ID: 830-4819-95
Matrix: Solid
Date Collected: 01/22/24 12:00
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**33200**		498		mg/Kg			02/04/24 17:43	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<498	U	498		mg/Kg		01/29/24 11:38	02/04/24 17:43	10
Diesel Range Organics (Over C10-C28)	**26100**		498		mg/Kg		01/29/24 11:38	02/04/24 17:43	10
Oil Range Organics (Over C28-C36)	**7130**		498		mg/Kg		01/29/24 11:38	02/04/24 17:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*538*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 17:43*	*10*
1-Chlorooctane	*461*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 17:43*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**117**		5.00		mg/Kg			02/01/24 21:36	1

Client Sample ID: Confirmation Boring 3 @ 3'

Lab Sample ID: 830-4819-96
Matrix: Solid
Date Collected: 01/22/24 12:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 03:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 03:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 03:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 03:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 03:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*01/29/24 14:50*	*02/03/24 03:05*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*01/29/24 14:50*	*02/03/24 03:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 03:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**687**		49.8		mg/Kg			02/04/24 18:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8		mg/Kg		01/29/24 11:38	02/04/24 18:03	1
Diesel Range Organics (Over C10-C28)	**479**		49.8		mg/Kg		01/29/24 11:38	02/04/24 18:03	1
Oil Range Organics (Over C28-C36)	**208**		49.8		mg/Kg		01/29/24 11:38	02/04/24 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*155*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 18:03*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 3 @ 3'

Lab Sample ID: 830-4819-96
Matrix: Solid
Date Collected: 01/22/24 12:05
Date Received: 01/25/24 13:43

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130	01/29/24 11:38	02/04/24 18:03	1

Client Sample ID: Confirmation Boring 3 @ 5'

Lab Sample ID: 830-4819-97
Matrix: Solid
Date Collected: 01/22/24 12:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:50	02/03/24 03:32	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:50	02/03/24 03:32	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:50	02/03/24 03:32	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/29/24 14:50	02/03/24 03:32	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/29/24 14:50	02/03/24 03:32	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/29/24 14:50	02/03/24 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/29/24 14:50	02/03/24 03:32	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/29/24 14:50	02/03/24 03:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			02/03/24 03:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**8010**		250	mg/Kg			02/04/24 18:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<250	U	250	mg/Kg		01/29/24 11:38	02/04/24 18:24	5
Diesel Range Organics (Over C10-C28)	**6360**		250	mg/Kg		01/29/24 11:38	02/04/24 18:24	5
Oil Range Organics (Over C28-C36)	**1650**		250	mg/Kg		01/29/24 11:38	02/04/24 18:24	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	160	S1+	70 - 130	01/29/24 11:38	02/04/24 18:24	5
1-Chlorooctane	140	S1+	70 - 130	01/29/24 11:38	02/04/24 18:24	5

Client Sample ID: Confirmation Boring 2@ 0-1'

Lab Sample ID: 830-4819-98
Matrix: Solid
Date Collected: 01/22/24 12:15
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0998	U	0.0998	mg/Kg		01/29/24 14:50	02/03/24 04:52	50
Toluene	**1.79**		0.0998	mg/Kg		01/29/24 14:50	02/03/24 04:52	50
Ethylbenzene	**3.75**		0.0998	mg/Kg		01/29/24 14:50	02/03/24 04:52	50
m,p-Xylenes	**3.84**		0.200	mg/Kg		01/29/24 14:50	02/03/24 04:52	50
o-Xylene	**1.55**		0.0998	mg/Kg		01/29/24 14:50	02/03/24 04:52	50
Xylenes, Total	**5.39**		0.200	mg/Kg		01/29/24 14:50	02/03/24 04:52	50

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 2@ 0-1'

Lab Sample ID: 830-4819-98
Matrix: Solid
Date Collected: 01/22/24 12:15
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	01/29/24 14:50	02/03/24 04:52	50
1,4-Difluorobenzene (Surr)	96		70 - 130	01/29/24 14:50	02/03/24 04:52	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.9		0.200	mg/Kg			02/03/24 04:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4420		50.2	mg/Kg			02/04/24 18:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	113		50.2	mg/Kg		01/29/24 11:38	02/04/24 18:45	1
Diesel Range Organics (Over C10-C28)	3540		50.2	mg/Kg		01/29/24 11:38	02/04/24 18:45	1
Oil Range Organics (Over C28-C36)	771		50.2	mg/Kg		01/29/24 11:38	02/04/24 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	153	S1+	70 - 130	01/29/24 11:38	02/04/24 18:45	1
1-Chlorooctane	140	S1+	70 - 130	01/29/24 11:38	02/04/24 18:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		4.98	mg/Kg			02/01/24 21:42	1

Client Sample ID: Confirmation Boring 2 @ 3'

Lab Sample ID: 830-4819-99
Matrix: Solid
Date Collected: 01/22/24 12:20
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/29/24 14:50	02/03/24 03:59	1
Toluene	0.237		0.00201	mg/Kg		01/29/24 14:50	02/03/24 03:59	1
Ethylbenzene	0.218		0.00201	mg/Kg		01/29/24 14:50	02/03/24 03:59	1
m,p-Xylenes	0.201		0.00402	mg/Kg		01/29/24 14:50	02/03/24 03:59	1
o-Xylene	0.0984		0.00201	mg/Kg		01/29/24 14:50	02/03/24 03:59	1
Xylenes, Total	0.299		0.00402	mg/Kg		01/29/24 14:50	02/03/24 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/29/24 14:50	02/03/24 03:59	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/29/24 14:50	02/03/24 03:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.754		0.00402	mg/Kg			02/03/24 03:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	612		50.4	mg/Kg			02/04/24 19:05	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 2 @ 3'

Lab Sample ID: 830-4819-99
Matrix: Solid
Date Collected: 01/22/24 12:20
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		01/29/24 11:38	02/04/24 19:05	1
Diesel Range Organics (Over C10-C28)	**452**		50.4		mg/Kg		01/29/24 11:38	02/04/24 19:05	1
Oil Range Organics (Over C28-C36)	**160**		50.4		mg/Kg		01/29/24 11:38	02/04/24 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*153*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 19:05*	*1*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 19:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**896**		5.00		mg/Kg			02/19/24 14:52	1

Client Sample ID: Confirmation Boring 2 @ 5'

Lab Sample ID: 830-4819-100
Matrix: Solid
Date Collected: 01/22/24 12:25
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100		mg/Kg		01/29/24 14:50	02/03/24 05:19	50
Toluene	<0.100	U	0.100		mg/Kg		01/29/24 14:50	02/03/24 05:19	50
Ethylbenzene	**0.588**		0.100		mg/Kg		01/29/24 14:50	02/03/24 05:19	50
m,p-Xylenes	**0.396**		0.200		mg/Kg		01/29/24 14:50	02/03/24 05:19	50
o-Xylene	**0.415**		0.100		mg/Kg		01/29/24 14:50	02/03/24 05:19	50
Xylenes, Total	**0.811**		0.200		mg/Kg		01/29/24 14:50	02/03/24 05:19	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:50*	*02/03/24 05:19*	*50*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*01/29/24 14:50*	*02/03/24 05:19*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1.40**		0.200		mg/Kg			02/03/24 05:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2640**		50.4		mg/Kg			02/04/24 19:26	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		01/29/24 11:38	02/04/24 19:26	1
Diesel Range Organics (Over C10-C28)	**2180**		50.4		mg/Kg		01/29/24 11:38	02/04/24 19:26	1
Oil Range Organics (Over C28-C36)	**461**		50.4		mg/Kg		01/29/24 11:38	02/04/24 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*155*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 19:26*	*1*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 19:26*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 2 @ 5'
Lab Sample ID: 830-4819-100
Date Collected: 01/22/24 12:25
Matrix: Solid
Date Received: 01/25/24 13:43

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**980**	**H**	5.03		mg/Kg			02/20/24 17:06	1

Client Sample ID: Confirmation Boring 1 @ 0-1'
Lab Sample ID: 830-4819-101
Date Collected: 01/22/24 12:30
Matrix: Solid
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 07:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 07:12	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 07:12	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 07:12	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 07:12	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*01/29/24 14:51*	*02/04/24 07:12*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*01/29/24 14:51*	*02/04/24 07:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 07:12	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**390**		49.6		mg/Kg			02/04/24 19:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:38	02/04/24 19:47	1
Diesel Range Organics (Over C10-C28)	**298**		49.6		mg/Kg		01/29/24 11:38	02/04/24 19:47	1
Oil Range Organics (Over C28-C36)	**92.1**		49.6		mg/Kg		01/29/24 11:38	02/04/24 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*136*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 19:47*	*1*
1-Chlorooctane	*120*		*70 - 130*	*01/29/24 11:38*	*02/04/24 19:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**389**	**F1**	5.03		mg/Kg			02/01/24 21:49	1

Client Sample ID: Confirmation Boring 1 @ 3'
Lab Sample ID: 830-4819-102
Date Collected: 01/22/24 12:35
Matrix: Solid
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 07:32	1
Toluene	**0.00555**		0.00199		mg/Kg		01/29/24 14:51	02/04/24 07:32	1
Ethylbenzene	**0.0100**	***+**	0.00199		mg/Kg		01/29/24 14:51	02/04/24 07:32	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 1 @ 3'

Lab Sample ID: 830-4819-102
Matrix: Solid
Date Collected: 01/22/24 12:35
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	**0.0100**	***+**	0.00398		mg/Kg		01/29/24 14:51	02/04/24 07:32	1
o-Xylene	**0.00698**	***+**	0.00199		mg/Kg		01/29/24 14:51	02/04/24 07:32	1
Xylenes, Total	**0.0170**	***+**	0.00398		mg/Kg		01/29/24 14:51	02/04/24 07:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*01/29/24 14:51*	*02/04/24 07:32*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:51*	*02/04/24 07:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0325**		0.00398		mg/Kg			02/04/24 07:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**155**		50.1		mg/Kg			02/04/24 22:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:31	02/04/24 22:32	1
Diesel Range Organics (Over C10-C28)	**155**		50.1		mg/Kg		01/29/24 11:31	02/04/24 22:32	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:31	02/04/24 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*145*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 22:32*	*1*
1-Chlorooctane	*126*		*70 - 130*	*01/29/24 11:31*	*02/04/24 22:32*	*1*

Client Sample ID: Confirmation Boring 1 @ 5'

Lab Sample ID: 830-4819-103
Matrix: Solid
Date Collected: 01/22/24 12:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		01/29/24 14:51	02/04/24 10:17	50
Toluene	<0.0994	U	0.0994		mg/Kg		01/29/24 14:51	02/04/24 10:17	50
Ethylbenzene	**0.316**	***+**	0.0994		mg/Kg		01/29/24 14:51	02/04/24 10:17	50
m,p-Xylenes	**0.350**	***+**	0.199		mg/Kg		01/29/24 14:51	02/04/24 10:17	50
o-Xylene	**0.231**	***+**	0.0994		mg/Kg		01/29/24 14:51	02/04/24 10:17	50
Xylenes, Total	**0.581**	***+**	0.199		mg/Kg		01/29/24 14:51	02/04/24 10:17	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*01/29/24 14:51*	*02/04/24 10:17*	*50*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*01/29/24 14:51*	*02/04/24 10:17*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.897**		0.199		mg/Kg			02/04/24 10:17	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**5310**		50.5		mg/Kg			02/04/24 22:53	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 1 @ 5'

Lab Sample ID: 830-4819-103
Matrix: Solid
Date Collected: 01/22/24 12:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:31	02/04/24 22:53	1
Diesel Range Organics (Over C10-C28)	**4590**		50.5		mg/Kg		01/29/24 11:31	02/04/24 22:53	1
Oil Range Organics (Over C28-C36)	**720**		50.5		mg/Kg		01/29/24 11:31	02/04/24 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 22:53*	*1*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 22:53*	*1*

Client Sample ID: Confirmation Boring 4@ 0-1'

Lab Sample ID: 830-4819-104
Matrix: Solid
Date Collected: 01/22/24 15:50
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 07:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 07:53	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 07:53	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:51	02/04/24 07:53	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 07:53	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:51	02/04/24 07:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*01/29/24 14:51*	*02/04/24 07:53*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*01/29/24 14:51*	*02/04/24 07:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/24 07:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/04/24 21:30	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:31	02/04/24 21:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/29/24 11:31	02/04/24 21:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:31	02/04/24 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 21:30*	*1*
1-Chlorooctane	*130*		*70 - 130*	*01/29/24 11:31*	*02/04/24 21:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**426**		5.05		mg/Kg			02/01/24 22:09	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 4 @ 3'

Lab Sample ID: 830-4819-105
Matrix: Solid
Date Collected: 01/22/24 15:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 08:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 08:13	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 08:13	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 08:13	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 08:13	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*01/29/24 14:51*	*02/04/24 08:13*	*1*
1,4-Difluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*01/29/24 14:51*	*02/04/24 08:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 08:13	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**233**		50.3		mg/Kg			02/04/24 23:13	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:31	02/04/24 23:13	1
Diesel Range Organics (Over C10-C28)	**150**		50.3		mg/Kg		01/29/24 11:31	02/04/24 23:13	1
OII Range Organics (Over C28-C36)	**83.2**		50.3		mg/Kg		01/29/24 11:31	02/04/24 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*145*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 23:13*	*1*
1-Chlorooctane	*127*		*70 - 130*	*01/29/24 11:31*	*02/04/24 23:13*	*1*

Client Sample ID: Confirmation Boring 4 @ 5'

Lab Sample ID: 830-4819-106
Matrix: Solid
Date Collected: 01/22/24 16:00
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 08:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 08:34	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 08:34	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:51	02/04/24 08:34	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 08:34	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:51	02/04/24 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:51*	*02/04/24 08:34*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*01/29/24 14:51*	*02/04/24 08:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/24 08:34	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 4 @ 5'

Lab Sample ID: 830-4819-106
Matrix: Solid
Date Collected: 01/22/24 16:00
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**96.9**		49.9		mg/Kg			02/04/24 23:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:31	02/04/24 23:34	1
Diesel Range Organics (Over C10-C28)	**96.9**		49.9		mg/Kg		01/29/24 11:31	02/04/24 23:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:31	02/04/24 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 23:34*	*1*
1-Chlorooctane	*129*		*70 - 130*	*01/29/24 11:31*	*02/04/24 23:34*	*1*

Client Sample ID: New Boring 1 @ 0-1'

Lab Sample ID: 830-4819-107
Matrix: Solid
Date Collected: 01/23/24 07:03
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 08:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 08:55	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 08:55	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 08:55	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 08:55	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 08:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*01/29/24 14:51*	*02/04/24 08:55*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*01/29/24 14:51*	*02/04/24 08:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 08:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**165**		49.7		mg/Kg			02/04/24 23:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:31	02/04/24 23:55	1
Diesel Range Organics (Over C10-C28)	**165**		49.7		mg/Kg		01/29/24 11:31	02/04/24 23:55	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:31	02/04/24 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*146*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 23:55*	*1*
1-Chlorooctane	*130*		*70 - 130*	*01/29/24 11:31*	*02/04/24 23:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		5.04		mg/Kg			02/01/24 22:15	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 1 @ -3'

Lab Sample ID: 830-4819-108
Matrix: Solid
Date Collected: 01/23/24 07:07
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 09:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 09:15	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 09:15	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 09:15	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 09:15	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 09:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*01/29/24 14:51*	*02/04/24 09:15*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/29/24 14:51*	*02/04/24 09:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 09:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/05/24 00:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:31	02/05/24 00:15	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/29/24 11:31	02/05/24 00:15	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:31	02/05/24 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 00:15*	*1*
1-Chlorooctane	*125*		*70 - 130*	*01/29/24 11:31*	*02/05/24 00:15*	*1*

Client Sample ID: New Boring 1 @ -5'

Lab Sample ID: 830-4819-109
Matrix: Solid
Date Collected: 01/23/24 07:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 09:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 09:36	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 09:36	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:51	02/04/24 09:36	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 09:36	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:51	02/04/24 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*01/29/24 14:51*	*02/04/24 09:36*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*01/29/24 14:51*	*02/04/24 09:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/24 09:36	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 1 @ -5'

Lab Sample ID: 830-4819-109
Matrix: Solid
Date Collected: 01/23/24 07:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/05/24 00:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:31	02/05/24 00:36	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/29/24 11:31	02/05/24 00:36	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:31	02/05/24 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 00:36*	*1*
1-Chlorooctane	*125*		*70 - 130*	*01/29/24 11:31*	*02/05/24 00:36*	*1*

Client Sample ID: New Boring 4 @ 0-1'

Lab Sample ID: 830-4819-110
Matrix: Solid
Date Collected: 01/23/24 07:18
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 09:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 09:56	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 09:56	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 09:56	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 09:56	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 09:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:51*	*02/04/24 09:56*	*1*
1,4-Difluorobenzene (Surr)	*63*	*S1-*	*70 - 130*	*01/29/24 14:51*	*02/04/24 09:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 09:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/05/24 00:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:31	02/05/24 00:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/29/24 11:31	02/05/24 00:57	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:31	02/05/24 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 00:57*	*1*
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 00:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**162**		4.99		mg/Kg			02/01/24 22:35	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 4 @ -3'

Lab Sample ID: 830-4819-111
Matrix: Solid
Date Collected: 01/23/24 07:23
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 11:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 11:40	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 11:40	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:51	02/04/24 11:40	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 11:40	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:51	02/04/24 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:51*	*02/04/24 11:40*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*01/29/24 14:51*	*02/04/24 11:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/24 11:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/05/24 01:17	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		01/29/24 11:31	02/05/24 01:17	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/29/24 11:31	02/05/24 01:17	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/29/24 11:31	02/05/24 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 01:17*	*1*
1-Chlorooctane	*125*		*70 - 130*	*01/29/24 11:31*	*02/05/24 01:17*	*1*

Client Sample ID: New Boring 4 @ -5'

Lab Sample ID: 830-4819-112
Matrix: Solid
Date Collected: 01/23/24 07:29
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:00	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:00	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 12:00	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:00	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:51*	*02/04/24 12:00*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/29/24 14:51*	*02/04/24 12:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 12:00	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 4 @ -5'

Lab Sample ID: 830-4819-112
Matrix: Solid
Date Collected: 01/23/24 07:29
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/05/24 01:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:31	02/05/24 01:59	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/29/24 11:31	02/05/24 01:59	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:31	02/05/24 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 01:59*	*1*
1-Chlorooctane	*128*		*70 - 130*	*01/29/24 11:31*	*02/05/24 01:59*	*1*

Client Sample ID: New Boring 2 @ 0-1'

Lab Sample ID: 830-4819-113
Matrix: Solid
Date Collected: 01/23/24 07:33
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:21	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:21	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 12:21	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:21	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:51*	*02/04/24 12:21*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*01/29/24 14:51*	*02/04/24 12:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 12:21	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/05/24 02:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 02:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 02:19	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 02:19*	*1*
1-Chlorooctane	*124*		*70 - 130*	*01/29/24 11:31*	*02/05/24 02:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**123**		4.97		mg/Kg			02/01/24 22:41	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 2 @ 3'

Lab Sample ID: 830-4819-114
Matrix: Solid
Date Collected: 01/23/24 07:37
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 12:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 12:41	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 12:41	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:51	02/04/24 12:41	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 12:41	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:51	02/04/24 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*01/29/24 14:51*	*02/04/24 12:41*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*01/29/24 14:51*	*02/04/24 12:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/24 12:41	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/05/24 02:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 02:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 02:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*158*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 02:40*	*1*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 02:40*	*1*

Client Sample ID: New Boring 2 @ 5'

Lab Sample ID: 830-4819-115
Matrix: Solid
Date Collected: 01/23/24 07:41
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 13:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 13:02	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 13:02	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 13:02	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 13:02	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/29/24 14:51*	*02/04/24 13:02*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*01/29/24 14:51*	*02/04/24 13:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 13:02	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 2 @ 5'

Lab Sample ID: 830-4819-115
Matrix: Solid
Date Collected: 01/23/24 07:41
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/05/24 03:01	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 03:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 03:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 03:01*	*1*
1-Chlorooctane	*127*		*70 - 130*	*01/29/24 11:31*	*02/05/24 03:01*	*1*

Client Sample ID: TB-01-23-24--02

Lab Sample ID: 830-4819-116
Matrix: Water
Date Collected: 01/23/24 00:00
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			02/06/24 09:38	1
Toluene	<0.00200	U	0.00200		mg/L			02/06/24 09:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			02/06/24 09:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L			02/06/24 09:38	1
o-Xylene	<0.00200	U	0.00200		mg/L			02/06/24 09:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			02/06/24 09:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*		*02/06/24 09:38*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*		*02/06/24 09:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/L			02/06/24 09:38	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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)
830-4819-1	New Boring - 3 @ 0-1'	85	105
830-4819-1 MS	New Boring - 3 @ 0-1'	115	105
830-4819-1 MSD	New Boring - 3 @ 0-1'	117	97
830-4819-2	New Boring - 3 @ 3'	102	110
830-4819-3	New Boring - 3 @ 5'	103	105
830-4819-4	New Boring - 3 @ 10'	113	108
830-4819-5	New Boring - 3 @ 15'	112	102
830-4819-6	New Boring - 3 @ 20'	111	99
830-4819-7	New Boring - 3 @ 25'	122	104
830-4819-8	New Boring - 3 @ 30'	107	101
830-4819-9	New Boring - 3 @ 40'	140 S1+	79
830-4819-10	New Boring - 3 @ 50'	114	106
830-4819-11	New Boring - 5 @ 0-1'	94	102
830-4819-12	New Boring - 5 @ 3'	101	105
830-4819-13	New Boring - 5 @ 5'	103	108
830-4819-14	New Boring - 5 @ 10'	116	107
830-4819-15	New Boring - 5 @ 15'	119	104
830-4819-16	New Boring - 5 @ 20'	116	103
830-4819-17	New Boring - 5 @ 25'	120	105
830-4819-18	New Boring - 5 @ 30'	116	103
830-4819-19	New Boring - 5 @ 40'	116	103
830-4819-20	New Boring - 5 @ 50'	121	103
830-4819-21	New Boring - 6 @ 0-1'	90	74
830-4819-21 MS	New Boring - 6 @ 0-1'	91	102
830-4819-21 MSD	New Boring - 6 @ 0-1'	101	93
830-4819-22	New Boring - 6 @ 3'	100	99
830-4819-23	New Boring - 6 @ 5'	114	108
830-4819-24	New Boring - 6 @ 10'	98	95
830-4819-25	New Boring - 6 @ 15'	107	99
830-4819-26	New Boring - 6 @ 20'	169 S1+	98
830-4819-27	New Boring - 6 @ 25'	153 S1+	89
830-4819-28	New Boring - 6 @ 30'	105	64 S1-
830-4819-29	New Boring - 6 @ 40'	261 S1+	128
830-4819-30	New Boring - 6 @ 50'	139 S1+	61 S1-
830-4819-31	New Boring - 6 @ 60'	209 S1+	87
830-4819-32	New Boring - 6 @ 70'	142 S1+	86
830-4819-33	New Boring - 6 @ 80'	232 S1+	49 S1-
830-4819-34	New Boring - 6 @ 90'	126	104
830-4819-35	New Boring - 6 @ 100'	137 S1+	121
830-4819-36	New Boring 7- @ 0-1'	115	88
830-4819-37	New Boring 7 - @ 3'	130	93
830-4819-38	New Boring 7- @ 5'	114	96
830-4819-39	New Boring 7- @ 10'	145 S1+	134 S1+
830-4819-40	New Boring 7- @ 15'	134 S1+	106
830-4819-41	New Boring 7- @ 20'	95	77
830-4819-41 MS	New Boring 7- @ 20'	113	88
830-4819-41 MSD	New Boring 7- @ 20'	126	80
830-4819-42	New Boring 7- @ 25'	93	69 S1-
830-4819-43	New Boring 7- @ 30'	95	68 S1-

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
830-4819-44	New Boring 7- @ 40'	87	73
830-4819-45	New Boring 7- @ 50'	96	71
830-4819-46	New Boring 8- @ 0-1'	91	70
830-4819-47	New Boring 8- @ 3'	96	72
830-4819-48	New Boring 8- @ 5'	83	80
830-4819-49	New Boring 8- @ 10'	77	66 S1-
830-4819-50	New Boring 8- @ 15'	435 S1+	83
830-4819-51	New Boring 8- @ 20'	147 S1+	92
830-4819-52	New Boring 8- @ 25'	257 S1+	90
830-4819-53	New Boring 8- @ 30'	384 S1+	84
830-4819-54	New Boring 8- @ 40'	460 S1+	151 S1+
830-4819-55	New Boring 8- @ 50'	457 S1+	91
830-4819-56	New Boring 8- @ 60'	189 S1+	93
830-4819-57	New Boring 8- @ 70'	163 S1+	89
830-4819-58	New Boring 8- @ 80'	166 S1+	95
830-4819-59	New Boring 8- @ 90'	152 S1+	92
830-4819-60	New Boring 8- @ 100'	91	71
830-4819-62	New Boring 9- @ 0-1 '	85	77
830-4819-62 MS	New Boring 9- @ 0-1 '	107	86
830-4819-62 MSD	New Boring 9- @ 0-1 '	114	108
830-4819-63	New Boring 9- @ 3'	85	77
830-4819-64	New Boring 9- @ 5'	97	69 S1-
830-4819-65	New Boring 9- @ 10'	85	68 S1-
830-4819-66	New Boring 9- @ 15'	87	57 S1-
830-4819-67	New Boring 9- @ 20'	85	62 S1-
830-4819-68	New Boring 9- @ 25'	86	71
830-4819-69	New Boring 9- @ 30'	85	71
830-4819-70	New Boring 9- @ 40'	89	69 S1-
830-4819-71	New Boring 9- @ 50'	89	71
830-4819-72	New Boring 10- @ 0-1 '	85	72
830-4819-73	New Boring 10- @ 3 '	87	80
830-4819-74	New Boring 10- @ 5 '	85	80
830-4819-75	New Boring 10- @ 10 '	93	65 S1-
830-4819-76	New Boring 10- @ 15 '	232 S1+	91
830-4819-77	New Boring 10- @ 20 '	239 S1+	103
830-4819-78	New Boring 10- @ 25 '	352 S1+	90
830-4819-79	New Boring 10- @ 30 '	282 S1+	89
830-4819-80	New Boring 10- @ 40 '	204 S1+	86
830-4819-81	New Boring 10- @ 50 '	176 S1+	97
830-4819-81 MS	New Boring 10- @ 50 '	230 S1+	102
830-4819-81 MSD	New Boring 10- @ 50 '	18 S1-	220 S1+
830-4819-82	New Boring 10- @ 60 '	213 S1+	109
830-4819-83	New Boring 10- @ 70 '	153 S1+	112
830-4819-84	New Boring 10- @ 80 '	128	103
830-4819-85	New Boring 11- @ 0-1 '	107	102
830-4819-86	New Boring 11- @ 3 '	93	73
830-4819-87	New Boring 11- @ 5 '	91	89
830-4819-88	New Boring 11- @ 10 '	109	77
830-4819-89	New Boring 11- @ 15 '	146 S1+	117
830-4819-90	New Boring 11- @ 20 '	105	105

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
830-4819-91	New Boring 11- @ 25'	91	75
830-4819-92	New Boring 11- @ 30'	87	92
830-4819-93	New Boring 11- @ 40'	107	100
830-4819-94	New Boring 11- @ 50'	103	115
830-4819-95	Confirmation Boring 3 @ 0-1'	90	80
830-4819-96	Confirmation Boring 3 @ 3'	88	79
830-4819-97	Confirmation Boring 3 @ 5'	97	93
830-4819-98	Confirmation Boring 2@ 0-1'	126	96
830-4819-99	Confirmation Boring 2 @ 3'	121	101
830-4819-100	Confirmation Boring 2 @ 5'	90	82
830-4819-101	Confirmation Boring 1 @ 0-1'	81	82
830-4819-101 MS	Confirmation Boring 1 @ 0-1'	129	105
830-4819-101 MSD	Confirmation Boring 1 @ 0-1'	98	77
830-4819-102	Confirmation Boring 1 @ 3'	104	85
830-4819-103	Confirmation Boring 1 @ 5'	141 S1+	88
830-4819-104	Confirmation Boring 4@ 0-1'	88	76
830-4819-105	Confirmation Boring 4 @ 3'	88	67 S1-
830-4819-106	Confirmation Boring 4 @ 5'	90	66 S1-
830-4819-107	New Boring 1 @ 0-1'	86	78
830-4819-108	New Boring 1 @ -3'	84	69 S1-
830-4819-109	New Boring 1 @ -5'	77	78
830-4819-110	New Boring 4 @ 0-1'	90	63 S1-
830-4819-111	New Boring 4 @ -3'	85	72
830-4819-112	New Boring 4 @ -5'	91	69 S1-
830-4819-113	New Boring 2 @ 0-1'	93	70
830-4819-114	New Boring 2 @ 3'	87	66 S1-
830-4819-115	New Boring 2 @ 5'	96	72
890-6042-A-1-C MS	Matrix Spike	99	97
890-6042-A-1-D MSD	Matrix Spike Duplicate	109	97
LCS 880-71849/1-A	Lab Control Sample	106	93
LCS 880-71862/1-A	Lab Control Sample	96	93
LCS 880-71863/1-A	Lab Control Sample	124	99
LCS 880-71864/1-A	Lab Control Sample	115	95
LCS 880-71865/1-A	Lab Control Sample	106	85
LCS 880-71866/1-A	Lab Control Sample	119	87
LCS 880-72103/1-A	Lab Control Sample	130	97
LCS 880-72114/1-A	Lab Control Sample	107	94
LCS 880-72362/1-A	Lab Control Sample	110	92
LCSD 880-71849/2-A	Lab Control Sample Dup	110	97
LCSD 880-71862/2-A	Lab Control Sample Dup	113	97
LCSD 880-71863/2-A	Lab Control Sample Dup	117	95
LCSD 880-71864/2-A	Lab Control Sample Dup	112	98
LCSD 880-71865/2-A	Lab Control Sample Dup	94	75
LCSD 880-71866/2-A	Lab Control Sample Dup	121	99
LCSD 880-72103/2-A	Lab Control Sample Dup	120	98
LCSD 880-72114/2-A	Lab Control Sample Dup	106	94
LCSD 880-72362/2-A	Lab Control Sample Dup	129	97
MB 880-71849/5-A	Method Blank	126	128
MB 880-71862/5-A	Method Blank	70	97
MB 880-71863/5-A	Method Blank	74	68 S1-

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
MB 880-71864/5-A	Method Blank	82	75
MB 880-71865/5-A	Method Blank	65 S1-	99
MB 880-71866/5-A	Method Blank	80	79
MB 880-72060/5-A	Method Blank	110	108
MB 880-72102/5-A	Method Blank	64 S1-	112
MB 880-72103/5-A	Method Blank	76	77
MB 880-72114/5-A	Method Blank	129	120
MB 880-72362/5-A	Method Blank	73	80

Surrogate Legend

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

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
830-4819-61	TB-01-23-24-01	118	103
830-4819-116	TB-01-23-24--02	84	75
830-4819-116 MS	TB-01-23-24--02	115	95
830-4819-116 MSD	TB-01-23-24--02	107	99
890-5998-A-65 MS	Matrix Spike	40 S1-	127
890-5998-A-65 MSD	Matrix Spike Duplicate	106	92
LCS 880-71848/34	Lab Control Sample	109	92
LCS 880-72315/65	Lab Control Sample	121	100
LCSD 880-71848/35	Lab Control Sample Dup	105	97
LCSD 880-72315/66	Lab Control Sample Dup	116	98
MB 880-71786/5-A	Method Blank	137 S1+	122
MB 880-71848/39	Method Blank	140 S1+	128
MB 880-72315/70	Method Blank	71	77

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) OTPH1 (70-130)	1CO1 (70-130)
830-4819-1	New Boring - 3 @ 0-1'	132 S1+	117
830-4819-1 MS	New Boring - 3 @ 0-1'	116	113
830-4819-1 MSD	New Boring - 3 @ 0-1'	112	110
830-4819-2	New Boring - 3 @ 3'	119	106
830-4819-3	New Boring - 3 @ 5'	127	114
830-4819-4	New Boring - 3 @ 10'	112	100
830-4819-5	New Boring - 3 @ 15'	108	97
830-4819-6	New Boring - 3 @ 20'	125	112
830-4819-7	New Boring - 3 @ 25'	112	100

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	OTPH1 (70-130)	1CO1 (70-130)										
830-4819-8	New Boring - 3 @ 30'	103	90										
830-4819-9	New Boring - 3 @ 40'	119	104										
830-4819-10	New Boring - 3 @ 50'	98	86										
830-4819-11	New Boring - 5 @ 0-1'	109	97										
830-4819-12	New Boring - 5 @ 3'	93	84										
830-4819-13	New Boring - 5 @ 5'	90	80										
830-4819-14	New Boring - 5 @ 10'	109	96										
830-4819-15	New Boring - 5 @ 15'	81	72										
830-4819-16	New Boring - 5 @ 20'	106	95										
830-4819-17	New Boring - 5 @ 25'	86	77										
830-4819-18	New Boring - 5 @ 30'	96	85										
830-4819-19	New Boring - 5 @ 40'	113	99										
830-4819-20	New Boring - 5 @ 50'	99	90										
830-4819-21	New Boring - 6 @ 0-1'	85	76										
830-4819-21 MS	New Boring - 6 @ 0-1'	70	71										
830-4819-21 MSD	New Boring - 6 @ 0-1'	70	72										
830-4819-22	New Boring - 6 @ 3'	81	73										
830-4819-23	New Boring - 6 @ 5'	65 S1-	60 S1-										
830-4819-24	New Boring - 6 @ 10'	87	78										
830-4819-25	New Boring - 6 @ 15'	98	87										
830-4819-26	New Boring - 6 @ 20'	94	87										
830-4819-27	New Boring - 6 @ 25'	112	107										
830-4819-28	New Boring - 6 @ 30'	103	106										
830-4819-29	New Boring - 6 @ 40'	106	99										
830-4819-30	New Boring - 6 @ 50'	107	100										
830-4819-31	New Boring - 6 @ 60'	110	99										
830-4819-32	New Boring - 6 @ 70'	130	120										
830-4819-33	New Boring - 6 @ 80'	110	145 S1+										
830-4819-34	New Boring - 6 @ 90'	101	90										
830-4819-35	New Boring - 6 @ 100'	70	64 S1-										
830-4819-36	New Boring 7- @ 0-1'	87	79										
830-4819-37	New Boring 7 - @ 3'	83	75										
830-4819-38	New Boring 7- @ 5'	92	82										
830-4819-39	New Boring 7- @ 10'	89	72										
830-4819-40	New Boring 7- @ 15'	115	107										
830-4819-41	New Boring 7- @ 20'	128	113										
830-4819-42	New Boring 7- @ 25'	122	108										
830-4819-43	New Boring 7- @ 30'	108	97										
830-4819-44	New Boring 7- @ 40'	121	107										
830-4819-45	New Boring 7- @ 50'	128	113										
830-4819-46	New Boring 8- @ 0-1'	117	104										
830-4819-47	New Boring 8- @ 3'	125	109										
830-4819-48	New Boring 8- @ 5'	122	108										
830-4819-49	New Boring 8- @ 10'	121	108										
830-4819-49 MS	New Boring 8- @ 10'	106	99										
830-4819-49 MSD	New Boring 8- @ 10'	115	106										
830-4819-50	New Boring 8- @ 15'	70	67 S1-										
830-4819-51	New Boring 8- @ 20'	99	93										
830-4819-52	New Boring 8- @ 25'	94	85										
830-4819-53	New Boring 8- @ 30'	111	102										

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 830-4819-1
Project/Site: COP BKU 568435

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	OTPH1 (70-130)	1CO1 (70-130)										
830-4819-54	New Boring 8- @ 40'	125	162 S1+										
830-4819-55	New Boring 8- @ 50'	87	129										
830-4819-56	New Boring 8- @ 60'	22 S1-	23 S1-										
830-4819-57	New Boring 8- @ 70'	97	87										
830-4819-58	New Boring 8- @ 80'	84	78										
830-4819-59	New Boring 8- @ 90'	107	96										
830-4819-60	New Boring 8- @ 100'	116	103										
830-4819-62	New Boring 9- @ 0-1 '	137 S1+	122										
830-4819-63	New Boring 9- @ 3'	118	104										
830-4819-64	New Boring 9- @ 5'	83	74										
830-4819-64 MS	New Boring 9- @ 5'	60 S1-	56 S1-										
830-4819-64 MSD	New Boring 9- @ 5'	63 S1-	60 S1-										
830-4819-65	New Boring 9- @ 10'	116	102										
830-4819-66	New Boring 9- @ 15'	123	109										
830-4819-67	New Boring 9- @ 20'	116	101										
830-4819-68	New Boring 9- @ 25'	77	70										
830-4819-69	New Boring 9- @ 30'	162 S1+	145 S1+										
830-4819-70	New Boring 9- @ 40'	118	104										
830-4819-71	New Boring 9- @ 50'	100	88										
830-4819-72	New Boring 10- @ 0-1 '	154 S1+	136 S1+										
830-4819-73	New Boring 10- @ 3 '	110	97										
830-4819-74	New Boring 10- @ 5 '	94	84										
830-4819-75	New Boring 10- @ 10 '	101	90										
830-4819-76	New Boring 10- @ 15 '	211 S1+	198 S1+										
830-4819-77	New Boring 10- @ 20 '	101	92										
830-4819-78	New Boring 10- @ 25 '	162 S1+	165 S1+										
830-4819-79	New Boring 10- @ 30 '	92	86										
830-4819-80	New Boring 10- @ 40 '	201 S1+	183 S1+										
830-4819-81	New Boring 10- @ 50 '	139 S1+	128										
830-4819-82	New Boring 10- @ 60 '	141 S1+	131 S1+										
830-4819-83	New Boring 10- @ 70 '	139 S1+	121										
830-4819-84	New Boring 10- @ 80 '	142 S1+	126										
830-4819-85	New Boring 11- @ 0-1 '	136 S1+	123										
830-4819-86	New Boring 11- @ 3 '	134 S1+	119										
830-4819-87	New Boring 11- @ 5 '	131 S1+	117										
830-4819-87 MS	New Boring 11- @ 5 '	119	111										
830-4819-87 MSD	New Boring 11- @ 5 '	114	106										
830-4819-88	New Boring 11- @ 10 '	135 S1+	120										
830-4819-89	New Boring 11- @ 15 '	139 S1+	123										
830-4819-90	New Boring 11- @ 20 '	134 S1+	118										
830-4819-91	New Boring 11- @ 25'	139 S1+	122										
830-4819-92	New Boring 11- @ 30'	129	114										
830-4819-93	New Boring 11- @ 40'	149 S1+	133 S1+										
830-4819-94	New Boring 11- @ 50'	151 S1+	135 S1+										
830-4819-95	Confirmation Boring 3 @ 0-1'	538 S1+	461 S1+										
830-4819-96	Confirmation Boring 3 @ 3'	155 S1+	135 S1+										
830-4819-97	Confirmation Boring 3 @ 5'	160 S1+	140 S1+										
830-4819-98	Confirmation Boring 2@ 0-1'	153 S1+	140 S1+										
830-4819-99	Confirmation Boring 2 @ 3'	153 S1+	135 S1+										
830-4819-100	Confirmation Boring 2 @ 5'	155 S1+	139 S1+										

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	OTPH1 (70-130)	1CO1 (70-130)
830-4819-101	Confirmation Boring 1 @ 0-1'	136 S1+	120
830-4819-102	Confirmation Boring 1 @ 3'	145 S1+	126
830-4819-103	Confirmation Boring 1 @ 5'	144 S1+	135 S1+
830-4819-104	Confirmation Boring 4@ 0-1'	149 S1+	130
830-4819-104 MS	Confirmation Boring 4@ 0-1'	129	119
830-4819-104 MSD	Confirmation Boring 4@ 0-1'	127	121
830-4819-105	Confirmation Boring 4 @ 3'	145 S1+	127
830-4819-106	Confirmation Boring 4 @ 5'	148 S1+	129
830-4819-107	New Boring 1 @ 0-1'	146 S1+	130
830-4819-108	New Boring 1 @ -3'	142 S1+	125
830-4819-109	New Boring 1 @ -5'	142 S1+	125
830-4819-110	New Boring 4 @ 0-1'	150 S1+	132 S1+
830-4819-111	New Boring 4 @ -3'	141 S1+	125
830-4819-112	New Boring 4 @ -5'	144 S1+	128
830-4819-113	New Boring 2 @ 0-1'	142 S1+	124
830-4819-114	New Boring 2 @ 3'	158 S1+	137 S1+
830-4819-115	New Boring 2 @ 5'	144 S1+	127
880-39032-A-41-E MS	Matrix Spike	87	126
880-39032-A-41-F MSD	Matrix Spike Duplicate	85	120
LCS 870-17650/1-A	Lab Control Sample	87	91
LCS 870-17657/1-A	Lab Control Sample	100	105
LCS 870-17900/1-A	Lab Control Sample	104	103
LCS 870-17901/1-A	Lab Control Sample	107	107
LCS 870-17902/1-A	Lab Control Sample	114	112
LCS 870-17903/1-A	Lab Control Sample	127	129
LCS 880-72722/2-A	Lab Control Sample	120	113
LCSD 870-17650/2-A	Lab Control Sample Dup	85	90
LCSD 870-17657/2-A	Lab Control Sample Dup	89	94
LCSD 870-17900/2-A	Lab Control Sample Dup	93	92
LCSD 870-17901/2-A	Lab Control Sample Dup	90	90
LCSD 870-17902/2-A	Lab Control Sample Dup	113	113
LCSD 870-17903/2-A	Lab Control Sample Dup	123	109
LCSD 880-72722/3-A	Lab Control Sample Dup	111	110
MB 870-17650/3-A	Method Blank	94	90
MB 870-17657/3-A	Method Blank	94	91
MB 870-17900/3-A	Method Blank	105	100
MB 870-17901/3-A	Method Blank	93	90
MB 870-17902/3-A	Method Blank	119	114
MB 870-17903/3-A	Method Blank	126	126
MB 880-72722/1-A	Method Blank	223 S1+	249 S1+

Surrogate Legend

OTPH = o-Terphenyl
1CO = 1-Chlorooctane

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-71786/5-A
Matrix: Water
Analysis Batch: 71848

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71786

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L		01/29/24 10:57	01/29/24 17:29	1
Toluene	<0.00200	U	0.00200		mg/L		01/29/24 10:57	01/29/24 17:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/L		01/29/24 10:57	01/29/24 17:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L		01/29/24 10:57	01/29/24 17:29	1
o-Xylene	<0.00200	U	0.00200		mg/L		01/29/24 10:57	01/29/24 17:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/L		01/29/24 10:57	01/29/24 17:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*01/29/24 10:57*	*01/29/24 17:29*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*01/29/24 10:57*	*01/29/24 17:29*	*1*

Lab Sample ID: MB 880-71848/39
Matrix: Water
Analysis Batch: 71848

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			01/30/24 05:05	1
Toluene	<0.00200	U	0.00200		mg/L			01/30/24 05:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			01/30/24 05:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L			01/30/24 05:05	1
o-Xylene	<0.00200	U	0.00200		mg/L			01/30/24 05:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			01/30/24 05:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*		*01/30/24 05:05*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*		*01/30/24 05:05*	*1*

Lab Sample ID: LCS 880-71848/34
Matrix: Water
Analysis Batch: 71848

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09891		mg/L		99	70 - 130		
Toluene			0.100	0.09799		mg/L		98	70 - 130		
Ethylbenzene			0.100	0.1108		mg/L		111	70 - 130		
m-Xylene & p-Xylene			0.200	0.2167		mg/L		108	70 - 130		
o-Xylene			0.100	0.1072		mg/L		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-71848/35
Matrix: Water
Analysis Batch: 71848

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09355		mg/L		94	70 - 130	6	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: LCSD 880-71848/35
Matrix: Water
Analysis Batch: 71848

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09017		mg/L		90	70 - 130	8	20
Ethylbenzene			0.100	0.09692		mg/L		97	70 - 130	13	20
m-Xylene & p-Xylene			0.200	0.1992		mg/L		100	70 - 130	8	20
o-Xylene			0.100	0.09955		mg/L		100	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-5998-A-65 MS
Matrix: Water
Analysis Batch: 71848

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08058		mg/L		81	70 - 130		
Toluene	<0.00200	U	0.100	0.08504		mg/L		84	70 - 130		
Ethylbenzene	<0.00200	U F1 F2	0.100	0.06105	F1	mg/L		61	70 - 130		
m-Xylene & p-Xylene	<0.00400	U F1 F2	0.200	0.1290	F1	mg/L		64	70 - 130		
o-Xylene	<0.00200	U F1 F2	0.100	0.06017	F1	mg/L		60	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*40*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*127*		*70 - 130*

Lab Sample ID: 890-5998-A-65 MSD
Matrix: Water
Analysis Batch: 71848

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

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	0.09989		mg/L		100	70 - 130	21	25
Toluene	<0.00200	U	0.100	0.09485		mg/L		93	70 - 130	11	25
Ethylbenzene	<0.00200	U F1 F2	0.100	0.1055	F2	mg/L		105	70 - 130	53	25
m-Xylene & p-Xylene	<0.00400	U F1 F2	0.200	0.2080	F2	mg/L		104	70 - 130	47	25
o-Xylene	<0.00200	U F1 F2	0.100	0.1035	F2	mg/L		104	70 - 130	53	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 880-71849/5-A
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71849

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 04:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 04:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 04:16	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/29/24 14:38	02/03/24 04:16	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: MB 880-71849/5-A
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71849

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 04:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/24 14:38	02/03/24 04:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*01/29/24 14:38*	*02/03/24 04:16*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*	*01/29/24 14:38*	*02/03/24 04:16*	*1*

Lab Sample ID: LCS 880-71849/1-A
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71849

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07801		mg/Kg		78	70 - 130		
Toluene			0.100	0.07536		mg/Kg		75	70 - 130		
Ethylbenzene			0.100	0.08792		mg/Kg		88	70 - 130		
m,p-Xylenes			0.200	0.1715		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.08711		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-71849/2-A
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71849

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07836		mg/Kg		78	70 - 130	0	35
Toluene			0.100	0.08044		mg/Kg		80	70 - 130	7	35
Ethylbenzene			0.100	0.08484		mg/Kg		85	70 - 130	4	35
m,p-Xylenes			0.200	0.1779		mg/Kg		89	70 - 130	4	35
o-Xylene			0.100	0.09117		mg/Kg		91	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 830-4819-1 MS
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71849

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U F1	0.0996	0.04213	F1	mg/Kg		42	70 - 130		
Toluene	<0.00201	U F1	0.0996	0.02938	F1	mg/Kg		29	70 - 130		
Ethylbenzene	<0.00201	U F1	0.0996	0.02553	F1	mg/Kg		26	70 - 130		
m,p-Xylenes	<0.00402	U F1	0.199	0.05935	F1	mg/Kg		30	70 - 130		
o-Xylene	<0.00201	U F1	0.0996	0.03381	F1	mg/Kg		34	70 - 130		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: 830-4819-1 MS
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71849

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 830-4819-1 MSD
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71849

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0990	0.05185	F1	mg/Kg		52	70 - 130	21	35
Toluene	<0.00201	U F1	0.0990	0.03501	F1	mg/Kg		35	70 - 130	17	35
Ethylbenzene	<0.00201	U F1	0.0990	0.02840	F1	mg/Kg		29	70 - 130	11	35
m,p-Xylenes	<0.00402	U F1	0.198	0.05719	F1	mg/Kg		29	70 - 130	4	35
o-Xylene	<0.00201	U F1	0.0990	0.03638	F1	mg/Kg		37	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-71862/5-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71862

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 12:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 12:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 12:29	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/29/24 14:42	02/04/24 12:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 12:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/24 14:42	02/04/24 12:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	01/29/24 14:42	02/04/24 12:29	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/29/24 14:42	02/04/24 12:29	1

Lab Sample ID: LCS 880-71862/1-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71862

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07116		mg/Kg		71	70 - 130		
Toluene			0.100	0.07737		mg/Kg		77	70 - 130		
Ethylbenzene			0.100	0.08562		mg/Kg		86	70 - 130		
m,p-Xylenes			0.200	0.1836		mg/Kg		92	70 - 130		
o-Xylene			0.100	0.09009		mg/Kg		90	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: LCS 880-71862/1-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71862

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-71862/2-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71862

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09850		mg/Kg		98	70 - 130	32	35
Toluene			0.100	0.1069		mg/Kg		107	70 - 130	32	35
Ethylbenzene			0.100	0.1138		mg/Kg		114	70 - 130	28	35
m,p-Xylenes			0.200	0.2555		mg/Kg		128	70 - 130	33	35
o-Xylene			0.100	0.1187		mg/Kg		119	70 - 130	27	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 830-4819-21 MS
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: New Boring - 6 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71862

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0996	0.06960		mg/Kg		70	70 - 130		
Toluene	<0.00201	U F1	0.0996	0.05946	F1	mg/Kg		60	70 - 130		
Ethylbenzene	<0.00201	U	0.0996	0.07146		mg/Kg		72	70 - 130		
m,p-Xylenes	<0.00402	U	0.199	0.1537		mg/Kg		77	70 - 130		
o-Xylene	<0.00201	U	0.0996	0.07134		mg/Kg		72	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 830-4819-21 MSD
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: New Boring - 6 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71862

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.07355		mg/Kg		74	70 - 130	6	35
Toluene	<0.00201	U F1	0.0990	0.07552		mg/Kg		76	70 - 130	24	35
Ethylbenzene	<0.00201	U	0.0990	0.07814		mg/Kg		79	70 - 130	9	35
m,p-Xylenes	<0.00402	U	0.198	0.1706		mg/Kg		86	70 - 130	10	35
o-Xylene	<0.00201	U	0.0990	0.08187		mg/Kg		83	70 - 130	14	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: MB 880-71863/5-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71863

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 20:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 20:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 20:12	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/29/24 14:44	02/03/24 20:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 20:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/24 14:44	02/03/24 20:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*01/29/24 14:44*	*02/03/24 20:12*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*01/29/24 14:44*	*02/03/24 20:12*	*1*

Lab Sample ID: LCS 880-71863/1-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71863

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1112		mg/Kg		111	70 - 130		
Toluene			0.100	0.1131		mg/Kg		113	70 - 130		
Ethylbenzene			0.100	0.1390	*+	mg/Kg		139	70 - 130		
m,p-Xylenes			0.200	0.2814	*+	mg/Kg		141	70 - 130		
o-Xylene			0.100	0.1374	*+	mg/Kg		137	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-71863/2-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71863

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1064		mg/Kg		106	70 - 130	4	35
Toluene			0.100	0.1066		mg/Kg		107	70 - 130	6	35
Ethylbenzene			0.100	0.1299		mg/Kg		130	70 - 130	7	35
m,p-Xylenes			0.200	0.2596		mg/Kg		130	70 - 130	8	35
o-Xylene			0.100	0.1270		mg/Kg		127	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 830-4819-41 MS
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: New Boring 7- @ 20'
Prep Type: Total/NA
Prep Batch: 71863

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0996	0.1012		mg/Kg		102	70 - 130		
Toluene	<0.00201	U	0.0996	0.1055		mg/Kg		106	70 - 130		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: 830-4819-41 MS — **Client Sample ID: New Boring 7- @ 20'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72288 — **Prep Batch: 71863**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U *+	0.0996	0.1294		mg/Kg		130	70 - 130
m,p-Xylenes	<0.00402	U *+	0.199	0.2541		mg/Kg		128	70 - 130
o-Xylene	<0.00201	U *+	0.0996	0.1208		mg/Kg		121	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*

Lab Sample ID: 830-4819-41 MSD — **Client Sample ID: New Boring 7- @ 20'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72288 — **Prep Batch: 71863**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09780		mg/Kg		99	70 - 130	3	35
Toluene	<0.00201	U	0.0990	0.1029		mg/Kg		104	70 - 130	3	35
Ethylbenzene	<0.00201	U *+	0.0990	0.1248		mg/Kg		126	70 - 130	4	35
m,p-Xylenes	<0.00402	U *+	0.198	0.2533		mg/Kg		128	70 - 130	0	35
o-Xylene	<0.00201	U *+	0.0990	0.1236		mg/Kg		125	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*

Lab Sample ID: MB 880-71864/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72288 — **Prep Batch: 71864**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 17:27	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 17:27	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 17:27	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/29/24 14:47	02/04/24 17:27	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 17:27	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/29/24 14:47	02/04/24 17:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*01/29/24 14:47*	*02/04/24 17:27*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*01/29/24 14:47*	*02/04/24 17:27*	*1*

Lab Sample ID: LCS 880-71864/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72288 — **Prep Batch: 71864**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1136		mg/Kg		114	70 - 130
Toluene	0.100	0.1230		mg/Kg		123	70 - 130
Ethylbenzene	0.100	0.1382	*+	mg/Kg		138	70 - 130
m,p-Xylenes	0.200	0.2726	*+	mg/Kg		136	70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: LCS 880-71864/1-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71864

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1335	*+	mg/Kg		133	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-71864/2-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71864

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1049		mg/Kg		105	70 - 130	8	35
Toluene			0.100	0.1127		mg/Kg		113	70 - 130	9	35
Ethylbenzene			0.100	0.1267		mg/Kg		127	70 - 130	9	35
m,p-Xylenes			0.200	0.2456		mg/Kg		123	70 - 130	10	35
o-Xylene			0.100	0.1213		mg/Kg		121	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 830-4819-62 MS
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: New Boring 9- @ 0-1 '
Prep Type: Total/NA
Prep Batch: 71864

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0996	0.06973		mg/Kg		70	70 - 130		
Toluene	<0.00201	U	0.0996	0.08339		mg/Kg		84	70 - 130		
Ethylbenzene	<0.00201	U *+	0.0996	0.09083		mg/Kg		91	70 - 130		
m,p-Xylenes	<0.00402	U *+	0.199	0.1642		mg/Kg		82	70 - 130		
o-Xylene	<0.00201	U *+	0.0996	0.08003		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*

Lab Sample ID: 830-4819-62 MSD
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: New Boring 9- @ 0-1 '
Prep Type: Total/NA
Prep Batch: 71864

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09613		mg/Kg		97	70 - 130	32	35
Toluene	<0.00201	U	0.0990	0.1015		mg/Kg		103	70 - 130	20	35
Ethylbenzene	<0.00201	U *+	0.0990	0.1078		mg/Kg		109	70 - 130	17	35
m,p-Xylenes	<0.00402	U *+	0.198	0.2050		mg/Kg		104	70 - 130	22	35
o-Xylene	<0.00201	U *+	0.0990	0.1101		mg/Kg		111	70 - 130	32	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: 830-4819-62 MSD
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: New Boring 9- @ 0-1 '
Prep Type: Total/NA
Prep Batch: 71864

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-71865/5-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71865

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 19:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 19:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 19:07	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/29/24 14:50	02/02/24 19:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 19:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/24 14:50	02/02/24 19:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	01/29/24 14:50	02/02/24 19:07	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/29/24 14:50	02/02/24 19:07	1

Lab Sample ID: LCS 880-71865/1-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71865

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08439		mg/Kg		84	70 - 130		
Toluene			0.100	0.08989		mg/Kg		90	70 - 130		
Ethylbenzene			0.100	0.1010		mg/Kg		101	70 - 130		
m,p-Xylenes			0.200	0.2315		mg/Kg		116	70 - 130		
o-Xylene			0.100	0.1038		mg/Kg		104	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: LCSD 880-71865/2-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71865

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08617		mg/Kg		86	70 - 130	2	35
Toluene			0.100	0.08427		mg/Kg		84	70 - 130	6	35
Ethylbenzene			0.100	0.08811		mg/Kg		88	70 - 130	14	35
m,p-Xylenes			0.200	0.2054		mg/Kg		103	70 - 130	12	35
o-Xylene			0.100	0.08525		mg/Kg		85	70 - 130	20	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: LCSD 880-71865/2-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71865

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	75		70 - 130

Lab Sample ID: 830-4819-81 MS
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: New Boring 10- @ 50 '
Prep Type: Total/NA
Prep Batch: 71865

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.0996	0.07389		mg/Kg		73	70 - 130
Toluene	0.0267	F2 F1	0.0996	0.09759		mg/Kg		71	70 - 130
Ethylbenzene	0.343	F2 F1	0.0996	0.3854	F1	mg/Kg		43	70 - 130
m,p-Xylenes	0.492	F2 F1	0.199	0.6422		mg/Kg		75	70 - 130
o-Xylene	0.326	F2 F1	0.0996	0.3624	F1	mg/Kg		36	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	230	S1+	70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 830-4819-81 MSD
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: New Boring 10- @ 50 '
Prep Type: Total/NA
Prep Batch: 71865

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0990	0.05522	F1	mg/Kg		55	70 - 130	29	35
Toluene	0.0267	F2 F1	0.0990	0.05001	F2 F1	mg/Kg		24	70 - 130	64	35
Ethylbenzene	0.343	F2 F1	0.0990	0.04275	F2 F1	mg/Kg		-303	70 - 130	160	35
m,p-Xylenes	0.492	F2 F1	0.198	0.08888	F2 F1	mg/Kg		-204	70 - 130	151	35
o-Xylene	0.326	F2 F1	0.0990	0.04494	F2 F1	mg/Kg		-284	70 - 130	156	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	18	S1-	70 - 130
1,4-Difluorobenzene (Surr)	220	S1+	70 - 130

Lab Sample ID: MB 880-71866/5-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71866

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 06:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 06:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 06:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/29/24 14:51	02/04/24 06:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 06:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/24 14:51	02/04/24 06:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	01/29/24 14:51	02/04/24 06:50	1
1,4-Difluorobenzene (Surr)	79		70 - 130	01/29/24 14:51	02/04/24 06:50	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: LCS 880-71866/1-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71866

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1043		mg/Kg		104	70 - 130		
Toluene			0.100	0.1011		mg/Kg		101	70 - 130		
Ethylbenzene			0.100	0.1251		mg/Kg		125	70 - 130		
m,p-Xylenes			0.200	0.2514		mg/Kg		126	70 - 130		
o-Xylene			0.100	0.1221		mg/Kg		122	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: LCSD 880-71866/2-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71866

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1076		mg/Kg		108	70 - 130	3	35
Toluene			0.100	0.1186		mg/Kg		119	70 - 130	16	35
Ethylbenzene			0.100	0.1460	*+	mg/Kg		146	70 - 130	15	35
m,p-Xylenes			0.200	0.2786	*+	mg/Kg		139	70 - 130	10	35
o-Xylene			0.100	0.1353	*+	mg/Kg		135	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 830-4819-101 MS
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Confirmation Boring 1 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71866

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0996	0.09579		mg/Kg		96	70 - 130		
Toluene	<0.00201	U	0.0996	0.1010		mg/Kg		101	70 - 130		
Ethylbenzene	<0.00201	U *+	0.0996	0.1144		mg/Kg		115	70 - 130		
m,p-Xylenes	<0.00402	U *+	0.199	0.2170		mg/Kg		109	70 - 130		
o-Xylene	<0.00201	U *+	0.0996	0.1062		mg/Kg		106	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 830-4819-101 MSD
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Confirmation Boring 1 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71866

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.08222		mg/Kg		83	70 - 130	15	35
Toluene	<0.00201	U	0.0990	0.1046		mg/Kg		105	70 - 130	4	35
Ethylbenzene	<0.00201	U *+	0.0990	0.1088		mg/Kg		110	70 - 130	5	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: 830-4819-101 MSD
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Confirmation Boring 1 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71866

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00402	U *+	0.198	0.1901		mg/Kg		96	70 - 130	13	35
o-Xylene	<0.00201	U *+	0.0990	0.09789		mg/Kg		98	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*

Lab Sample ID: MB 880-72060/5-A
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72060

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/24 14:09	02/02/24 16:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/24 14:09	02/02/24 16:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/24 14:09	02/02/24 16:40	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/24 14:09	02/02/24 16:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/24 14:09	02/02/24 16:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/24 14:09	02/02/24 16:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*01/31/24 14:09*	*02/02/24 16:40*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*01/31/24 14:09*	*02/02/24 16:40*	*1*

Lab Sample ID: MB 880-72102/5-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72102

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/01/24 09:39	02/03/24 22:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/01/24 09:39	02/03/24 22:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/01/24 09:39	02/03/24 22:44	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/01/24 09:39	02/03/24 22:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/01/24 09:39	02/03/24 22:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/01/24 09:39	02/03/24 22:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*64*	*S1-*	*70 - 130*	*02/01/24 09:39*	*02/03/24 22:44*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/01/24 09:39*	*02/03/24 22:44*	*1*

Lab Sample ID: MB 880-72103/5-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72103

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:19	02/05/24 11:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:19	02/05/24 11:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:19	02/05/24 11:23	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/01/24 10:19	02/05/24 11:23	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: MB 880-72103/5-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72103

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:19	02/05/24 11:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/01/24 10:19	02/05/24 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*02/01/24 10:19*	*02/05/24 11:23*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*02/01/24 10:19*	*02/05/24 11:23*	*1*

Lab Sample ID: LCS 880-72103/1-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72103

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1115		mg/Kg		112	70 - 130		
Toluene			0.100	0.1061		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1479	*+	mg/Kg		148	70 - 130		
m,p-Xylenes			0.200	0.2897	*+	mg/Kg		145	70 - 130		
o-Xylene			0.100	0.1391	*+	mg/Kg		139	70 - 130		

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

Lab Sample ID: LCSD 880-72103/2-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 72103

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1090		mg/Kg		109	70 - 130	2	35
Toluene			0.100	0.1188		mg/Kg		119	70 - 130	11	35
Ethylbenzene			0.100	0.1481	*+	mg/Kg		148	70 - 130	0	35
m,p-Xylenes			0.200	0.2823	*+	mg/Kg		141	70 - 130	3	35
o-Xylene			0.100	0.1355	*+	mg/Kg		136	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 880-72114/5-A
Matrix: Solid
Analysis Batch: 72316

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72114

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:42	02/05/24 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:42	02/05/24 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:42	02/05/24 11:58	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/01/24 10:42	02/05/24 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:42	02/05/24 11:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/01/24 10:42	02/05/24 11:58	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	02/01/24 10:42	02/05/24 11:58	1
1,4-Difluorobenzene (Surr)	120		70 - 130	02/01/24 10:42	02/05/24 11:58	1

Lab Sample ID: LCS 880-72114/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72316 — **Prep Batch: 72114**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1004		mg/Kg		100	70 - 130		
Toluene			0.100	0.1048		mg/Kg		105	70 - 130		
Ethylbenzene			0.100	0.1151		mg/Kg		115	70 - 130		
m,p-Xylenes			0.200	0.2201		mg/Kg		110	70 - 130		
o-Xylene			0.100	0.1064		mg/Kg		106	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-72114/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72316 — **Prep Batch: 72114**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09665		mg/Kg		97	70 - 130	4	35
Toluene			0.100	0.1002		mg/Kg		100	70 - 130	4	35
Ethylbenzene			0.100	0.1084		mg/Kg		108	70 - 130	6	35
m,p-Xylenes			0.200	0.2192		mg/Kg		110	70 - 130	0	35
o-Xylene			0.100	0.1066		mg/Kg		107	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-6042-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72316 — **Prep Batch: 72114**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.09142		mg/Kg		92	70 - 130		
Toluene	<0.00200	U	0.0996	0.1006		mg/Kg		101	70 - 130		
Ethylbenzene	<0.00200	U	0.0996	0.1052		mg/Kg		106	70 - 130		
m,p-Xylenes	<0.00401	U	0.199	0.2076		mg/Kg		104	70 - 130		
o-Xylene	<0.00200	U	0.0996	0.09916		mg/Kg		100	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: 890-6042-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72316 — **Prep Batch: 72114**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09993		mg/Kg		101	70 - 130	9	35
Toluene	<0.00200	U	0.0990	0.09497		mg/Kg		96	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.0990	0.1120		mg/Kg		113	70 - 130	6	35
m,p-Xylenes	<0.00401	U	0.198	0.2214		mg/Kg		112	70 - 130	6	35
o-Xylene	<0.00200	U	0.0990	0.1058		mg/Kg		107	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 880-72315/70 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 72315

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			02/06/24 09:16	1
Toluene	<0.00200	U	0.00200		mg/L			02/06/24 09:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			02/06/24 09:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L			02/06/24 09:16	1
o-Xylene	<0.00200	U	0.00200		mg/L			02/06/24 09:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			02/06/24 09:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*		*02/06/24 09:16*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*		*02/06/24 09:16*	*1*

Lab Sample ID: LCS 880-72315/65 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 72315

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09922		mg/L		99	70 - 130		
Toluene			0.100	0.09886		mg/L		99	70 - 130		
Ethylbenzene			0.100	0.1132		mg/L		113	70 - 130		
m-Xylene & p-Xylene			0.200	0.2232		mg/L		112	70 - 130		
o-Xylene			0.100	0.1294		mg/L		129	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-72315/66 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 72315

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09251		mg/L		93	70 - 130	7	20
Toluene			0.100	0.09616		mg/L		96	70 - 130	3	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: LCSD 880-72315/66
Matrix: Water
Analysis Batch: 72315

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene			0.100	0.1103		mg/L		110	70 - 130	3	20
m-Xylene & p-Xylene			0.200	0.2144		mg/L		107	70 - 130	4	20
o-Xylene			0.100	0.1142		mg/L		114	70 - 130	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 830-4819-116 MS
Matrix: Water
Analysis Batch: 72315

Client Sample ID: TB-01-23-24--02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1169		mg/L		117	70 - 130
Toluene	<0.00200	U	0.100	0.1144		mg/L		114	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1146		mg/L		115	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.2505		mg/L		125	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.2505		mg/L		125	70 - 130
o-Xylene	<0.00200	U	0.100	0.1270		mg/L		127	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 830-4819-116 MSD
Matrix: Water
Analysis Batch: 72315

Client Sample ID: TB-01-23-24--02
Prep Type: Total/NA

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	0.1089		mg/L		109	70 - 130	7	25
Toluene	<0.00200	U	0.100	0.1022		mg/L		102	70 - 130	11	25
Ethylbenzene	<0.00200	U	0.100	0.1068		mg/L		107	70 - 130	7	25
m,p-Xylenes	<0.00400	U	0.200	0.2160		mg/L		108	70 - 130	15	25
m-Xylene & p-Xylene	<0.00400	U	0.200	0.2160		mg/L		108	70 - 130	15	25
o-Xylene	<0.00200	U	0.100	0.1079		mg/L		108	70 - 130	16	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-72362/5-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72362

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/05/24 11:33	02/05/24 22:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/05/24 11:33	02/05/24 22:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/05/24 11:33	02/05/24 22:36	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: MB 880-72362/5-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72362

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/05/24 11:33	02/05/24 22:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/05/24 11:33	02/05/24 22:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/05/24 11:33	02/05/24 22:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*70 - 130*	*02/05/24 11:33*	*02/05/24 22:36*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*02/05/24 11:33*	*02/05/24 22:36*	*1*

Lab Sample ID: LCS 880-72362/1-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72362

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08244		mg/Kg		82	70 - 130		
Toluene			0.100	0.09597		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.1204		mg/Kg		120	70 - 130		
m,p-Xylenes			0.200	0.2275		mg/Kg		114	70 - 130		
o-Xylene			0.100	0.1104		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-72362/2-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 72362

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09873		mg/Kg		99	70 - 130	18	35
Toluene			0.100	0.1077		mg/Kg		108	70 - 130	11	35
Ethylbenzene			0.100	0.1382	*+	mg/Kg		138	70 - 130	14	35
m,p-Xylenes			0.200	0.2649	*+	mg/Kg		132	70 - 130	15	35
o-Xylene			0.100	0.1288		mg/Kg		129	70 - 130	15	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

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

Lab Sample ID: MB 870-17650/3-A
Matrix: Solid
Analysis Batch: 17633

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17650

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:20	02/02/24 03:10	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/29/24 11:20	02/02/24 03:10	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: MB 870-17650/3-A
Matrix: Solid
Analysis Batch: 17633

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17650

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:20	02/02/24 03:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*70 - 130*	*01/29/24 11:20*	*02/02/24 03:10*	*1*
1-Chlorooctane	*90*		*70 - 130*	*01/29/24 11:20*	*02/02/24 03:10*	*1*

Lab Sample ID: LCS 870-17650/1-A
Matrix: Solid
Analysis Batch: 17633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17650

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)			1010	731.5		mg/Kg		73	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	818.0		mg/Kg		82	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*87*		*70 - 130*
1-Chlorooctane	*91*		*70 - 130*

Lab Sample ID: LCSD 870-17650/2-A
Matrix: Solid
Analysis Batch: 17633

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 17650

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1020	744.2		mg/Kg		73	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1010	788.0		mg/Kg		78	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*85*		*70 - 130*
1-Chlorooctane	*90*		*70 - 130*

Lab Sample ID: 830-4819-21 MS
Matrix: Solid
Analysis Batch: 17633

Client Sample ID: New Boring - 6 @ 0-1'
Prep Type: Total/NA
Prep Batch: 17650

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)	<50.0	U F1	1030	509.1	F1	mg/Kg		49	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	1020	665.2	F1	mg/Kg		61	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*70*		*70 - 130*
1-Chlorooctane	*71*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: 830-4819-21 MSD
Matrix: Solid
Analysis Batch: 17633

Client Sample ID: New Boring - 6 @ 0-1'
Prep Type: Total/NA
Prep Batch: 17650

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<50.0	U F1	1030	567.2	F1	mg/Kg		55	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	1020	677.3	F1	mg/Kg		62	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*70*		*70 - 130*
1-Chlorooctane	*72*		*70 - 130*

Lab Sample ID: MB 870-17657/3-A
Matrix: Solid
Analysis Batch: 17660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17657

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 13:58	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 13:58	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 13:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*70 - 130*	*01/29/24 11:18*	*02/02/24 13:58*	*1*
1-Chlorooctane	*91*		*70 - 130*	*01/29/24 11:18*	*02/02/24 13:58*	*1*

Lab Sample ID: LCS 870-17657/1-A
Matrix: Solid
Analysis Batch: 17660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17657

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)			1010	771.9		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	946.7		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*100*		*70 - 130*
1-Chlorooctane	*105*		*70 - 130*

Lab Sample ID: LCSD 870-17657/2-A
Matrix: Solid
Analysis Batch: 17660

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 17657

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1020	738.7		mg/Kg		72	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1010	820.1		mg/Kg		81	70 - 130	14	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*89*		*70 - 130*
1-Chlorooctane	*94*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: 830-4819-1 MS
Matrix: Solid
Analysis Batch: 17660

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Total/NA
Prep Batch: 17657

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)	<50.0	U	1020	764.0		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1010	979.3		mg/Kg		93	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*116*		*70 - 130*
1-Chlorooctane	*113*		*70 - 130*

Lab Sample ID: 830-4819-1 MSD
Matrix: Solid
Analysis Batch: 17660

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Total/NA
Prep Batch: 17657

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<50.0	U	1020	739.2		mg/Kg		72	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1010	954.3		mg/Kg		91	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*112*		*70 - 130*
1-Chlorooctane	*110*		*70 - 130*

Lab Sample ID: MB 870-17900/3-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17900

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0	mg/Kg		01/29/24 11:23	02/03/24 13:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/29/24 11:23	02/03/24 13:39	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/29/24 11:23	02/03/24 13:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*105*		*70 - 130*	*01/29/24 11:23*	*02/03/24 13:39*	*1*
1-Chlorooctane	*100*		*70 - 130*	*01/29/24 11:23*	*02/03/24 13:39*	*1*

Lab Sample ID: LCS 870-17900/1-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)	1020	990.1		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1010	954.8		mg/Kg		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*104*		*70 - 130*
1-Chlorooctane	*103*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: LCSD 870-17900/2-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 17900

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1020	1022		mg/Kg		100	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1010	817.3		mg/Kg		81	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*93*		*70 - 130*
1-Chlorooctane	*92*		*70 - 130*

Lab Sample ID: 830-4819-49 MS
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: New Boring 8- @ 10'
Prep Type: Total/NA
Prep Batch: 17900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)	<50.3	U	1020	1122		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	72.5		1010	962.3		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*106*		*70 - 130*
1-Chlorooctane	*99*		*70 - 130*

Lab Sample ID: 830-4819-49 MSD
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: New Boring 8- @ 10'
Prep Type: Total/NA
Prep Batch: 17900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<50.3	U	1020	963.9		mg/Kg		95	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	72.5		1010	1052		mg/Kg		97	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*115*		*70 - 130*
1-Chlorooctane	*106*		*70 - 130*

Lab Sample ID: MB 870-17901/3-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17901

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:25	02/04/24 02:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:25	02/04/24 02:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:25	02/04/24 02:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*70 - 130*	*01/29/24 11:25*	*02/04/24 02:32*	*1*
1-Chlorooctane	*90*		*70 - 130*	*01/29/24 11:25*	*02/04/24 02:32*	*1*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: LCS 870-17901/1-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17901

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)	1020	933.8		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1010	961.7		mg/Kg		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*107*		*70 - 130*
1-Chlorooctane	*107*		*70 - 130*

Lab Sample ID: LCSD 870-17901/2-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 17901

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	1020	978.0		mg/Kg		96	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1010	760.6	*1	mg/Kg		75	70 - 130	23	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*90*		*70 - 130*
1-Chlorooctane	*90*		*70 - 130*

Lab Sample ID: 830-4819-64 MS
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: New Boring 9- @ 5'
Prep Type: Total/NA
Prep Batch: 17901

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)	<49.7	U F1	1020	451.5	F1	mg/Kg		44	70 - 130
Diesel Range Organics (Over C10-C28)	97.2	*1 F1	1010	538.9	F1	mg/Kg		44	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*60*	*S1-*	*70 - 130*
1-Chlorooctane	*56*	*S1-*	*70 - 130*

Lab Sample ID: 830-4819-64 MSD
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: New Boring 9- @ 5'
Prep Type: Total/NA
Prep Batch: 17901

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<49.7	U F1	1020	541.2	F1	mg/Kg		53	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	97.2	*1 F1	1010	576.9	F1	mg/Kg		48	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*63*	*S1-*	*70 - 130*
1-Chlorooctane	*60*	*S1-*	*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: MB 870-17902/3-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17902

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:38	02/04/24 11:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:38	02/04/24 11:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:38	02/04/24 11:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*119*		*70 - 130*	*01/29/24 11:38*	*02/04/24 11:50*	*1*
1-Chlorooctane	*114*		*70 - 130*	*01/29/24 11:38*	*02/04/24 11:50*	*1*

Lab Sample ID: LCS 870-17902/1-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17902

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)			1020	963.2		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1010	1015		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*114*		*70 - 130*
1-Chlorooctane	*112*		*70 - 130*

Lab Sample ID: LCSD 870-17902/2-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 17902

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1020	1054		mg/Kg		103	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1010	968.6		mg/Kg		96	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*113*		*70 - 130*
1-Chlorooctane	*113*		*70 - 130*

Lab Sample ID: 830-4819-87 MS
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: New Boring 11- @ 5 '
Prep Type: Total/NA
Prep Batch: 17902

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)	<50.3	U	1030	1166		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.3	U	1020	1137		mg/Kg		111	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*119*		*70 - 130*
1-Chlorooctane	*111*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: 830-4819-87 MSD
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: New Boring 11- @ 5 '
Prep Type: Total/NA
Prep Batch: 17902

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<50.3	U	1030	1182		mg/Kg		115	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.3	U	1020	1084		mg/Kg		106	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*114*		*70 - 130*
1-Chlorooctane	*106*		*70 - 130*

Lab Sample ID: MB 870-17903/3-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17903

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/04/24 21:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/04/24 21:09	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/04/24 21:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*126*		*70 - 130*	*01/29/24 11:31*	*02/04/24 21:09*	*1*
1-Chlorooctane	*126*		*70 - 130*	*01/29/24 11:31*	*02/04/24 21:09*	*1*

Lab Sample ID: LCS 870-17903/1-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17903

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)			1020	1055		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)			1010	1107		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*127*		*70 - 130*
1-Chlorooctane	*129*		*70 - 130*

Lab Sample ID: LCSD 870-17903/2-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 17903

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1020	1121		mg/Kg		110	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1010	1142		mg/Kg		113	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*123*		*70 - 130*
1-Chlorooctane	*109*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: 830-4819-104 MS
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Confirmation Boring 4@ 0-1'
Prep Type: Total/NA
Prep Batch: 17903

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)	<49.7	U	1020	1083		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	1010	1079		mg/Kg		103	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*129*		*70 - 130*
1-Chlorooctane	*119*		*70 - 130*

Lab Sample ID: 830-4819-104 MSD
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Confirmation Boring 4@ 0-1'
Prep Type: Total/NA
Prep Batch: 17903

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<49.7	U	1020	1112		mg/Kg		109	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.7	U	1010	1111		mg/Kg		106	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*127*		*70 - 130*
1-Chlorooctane	*121*		*70 - 130*

Lab Sample ID: MB 880-72722/1-A
Matrix: Solid
Analysis Batch: 73204

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72722

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		02/09/24 10:46	02/15/24 07:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/09/24 10:46	02/15/24 07:31	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/09/24 10:46	02/15/24 07:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*249*	*S1+*	*70 - 130*	*02/09/24 10:46*	*02/15/24 07:31*	*1*
o-Terphenyl (Surr)	*223*	*S1+*	*70 - 130*	*02/09/24 10:46*	*02/15/24 07:31*	*1*

Lab Sample ID: LCS 880-72722/2-A
Matrix: Solid
Analysis Batch: 73204

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	941.1		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	966.1		mg/Kg		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*113*		*70 - 130*
o-Terphenyl (Surr)	*120*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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

Lab Sample ID: LCSD 880-72722/3-A
Matrix: Solid
Analysis Batch: 73204

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 72722

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	924.3		mg/Kg		92	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	989.1		mg/Kg		99	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*110*		*70 - 130*
o-Terphenyl (Surr)	*111*		*70 - 130*

Lab Sample ID: 880-39032-A-41-E MS
Matrix: Solid
Analysis Batch: 73204

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1010	1141		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	<49.6	U F1	1010	1437	F1	mg/Kg		140	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*126*		*70 - 130*
o-Terphenyl (Surr)	*87*		*70 - 130*

Lab Sample ID: 880-39032-A-41-F MSD
Matrix: Solid
Analysis Batch: 73204

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72722

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	<49.6	U	1010	1070		mg/Kg		102	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.6	U F1	1010	1391	F1	mg/Kg		136	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*120*		*70 - 130*
o-Terphenyl (Surr)	*85*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-71868/1-A
Matrix: Solid
Analysis Batch: 72019

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/31/24 19:13	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-71868/2-A
Matrix: Solid
Analysis Batch: 72019

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	261.0		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-71868/3-A
Matrix: Solid
Analysis Batch: 72019

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	261.1		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 830-4819-1 MS
Matrix: Solid
Analysis Batch: 72019

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	52.6		249	317.7		mg/Kg		107	90 - 110		

Lab Sample ID: 830-4819-1 MSD
Matrix: Solid
Analysis Batch: 72019

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	52.6		249	315.3		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 830-4819-101 MS
Matrix: Solid
Analysis Batch: 72019

Client Sample ID: Confirmation Boring 1 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	389	F1	252	697.4	F1	mg/Kg		123	90 - 110		

Lab Sample ID: 830-4819-101 MSD
Matrix: Solid
Analysis Batch: 72019

Client Sample ID: Confirmation Boring 1 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	389	F1	252	691.4	F1	mg/Kg		120	90 - 110	1	20

Lab Sample ID: MB 880-73445/1-A
Matrix: Solid
Analysis Batch: 73456

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/19/24 11:34	1

Lab Sample ID: LCS 880-73445/2-A
Matrix: Solid
Analysis Batch: 73456

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	253.4		mg/Kg		101	90 - 110		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-73445/3-A
Matrix: Solid
Analysis Batch: 73456

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	253.3		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 820-12096-A-3-C MS
Matrix: Solid
Analysis Batch: 73456

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	6770		2510	9463		mg/Kg		107	90 - 110

Lab Sample ID: 820-12096-A-3-E MSD
Matrix: Solid
Analysis Batch: 73456

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	6770		2510	9214		mg/Kg		97	90 - 110	3	20

Lab Sample ID: MB 880-73606/1-A
Matrix: Solid
Analysis Batch: 73655

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/20/24 10:56	1

Lab Sample ID: LCS 880-73606/2-A
Matrix: Solid
Analysis Batch: 73655

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	240.0		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-73606/3-A
Matrix: Solid
Analysis Batch: 73655

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	240.9		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-39568-A-1-C MS
Matrix: Solid
Analysis Batch: 73655

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	1150		252	1353	4	mg/Kg		81	90 - 110

Lab Sample ID: 880-39568-A-1-D MSD
Matrix: Solid
Analysis Batch: 73655

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	1150		252	1350	4	mg/Kg		80	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA

Prep Batch: 71786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71786/5-A	Method Blank	Total/NA	Water	5035	

Analysis Batch: 71848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-61	TB-01-23-24-01	Total/NA	Water	8021B	
MB 880-71786/5-A	Method Blank	Total/NA	Water	8021B	71786
MB 880-71848/39	Method Blank	Total/NA	Water	8021B	
LCS 880-71848/34	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-71848/35	Lab Control Sample Dup	Total/NA	Water	8021B	
890-5998-A-65 MS	Matrix Spike	Total/NA	Water	8021B	
890-5998-A-65 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	

Prep Batch: 71849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Total/NA	Solid	5035	
830-4819-2	New Boring - 3 @ 3'	Total/NA	Solid	5035	
830-4819-3	New Boring - 3 @ 5'	Total/NA	Solid	5035	
830-4819-4	New Boring - 3 @ 10'	Total/NA	Solid	5035	
830-4819-5	New Boring - 3 @ 15'	Total/NA	Solid	5035	
830-4819-6	New Boring - 3 @ 20'	Total/NA	Solid	5035	
830-4819-7	New Boring - 3 @ 25'	Total/NA	Solid	5035	
830-4819-8	New Boring - 3 @ 30'	Total/NA	Solid	5035	
830-4819-9	New Boring - 3 @ 40'	Total/NA	Solid	5035	
830-4819-10	New Boring - 3 @ 50'	Total/NA	Solid	5035	
830-4819-11	New Boring - 5 @ 0-1'	Total/NA	Solid	5035	
830-4819-12	New Boring - 5 @ 3'	Total/NA	Solid	5035	
830-4819-13	New Boring - 5 @ 5'	Total/NA	Solid	5035	
830-4819-14	New Boring - 5 @ 10'	Total/NA	Solid	5035	
830-4819-15	New Boring - 5 @ 15'	Total/NA	Solid	5035	
830-4819-16	New Boring - 5 @ 20'	Total/NA	Solid	5035	
830-4819-17	New Boring - 5 @ 25'	Total/NA	Solid	5035	
830-4819-18	New Boring - 5 @ 30'	Total/NA	Solid	5035	
830-4819-19	New Boring - 5 @ 40'	Total/NA	Solid	5035	
830-4819-20	New Boring - 5 @ 50'	Total/NA	Solid	5035	
MB 880-71849/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71849/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71849/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
830-4819-1 MS	New Boring - 3 @ 0-1'	Total/NA	Solid	5035	
830-4819-1 MSD	New Boring - 3 @ 0-1'	Total/NA	Solid	5035	

Prep Batch: 71862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-21	New Boring - 6 @ 0-1'	Total/NA	Solid	5035	
830-4819-22	New Boring - 6 @ 3'	Total/NA	Solid	5035	
830-4819-23	New Boring - 6 @ 5'	Total/NA	Solid	5035	
830-4819-24	New Boring - 6 @ 10'	Total/NA	Solid	5035	
830-4819-25	New Boring - 6 @ 15'	Total/NA	Solid	5035	
830-4819-26	New Boring - 6 @ 20'	Total/NA	Solid	5035	
830-4819-27	New Boring - 6 @ 25'	Total/NA	Solid	5035	
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	5035	
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Prep Batch: 71862 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-30	New Boring - 6 @ 50'	Total/NA	Solid	5035	
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	5035	
830-4819-32	New Boring - 6 @ 70'	Total/NA	Solid	5035	
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	5035	
830-4819-34	New Boring - 6 @ 90'	Total/NA	Solid	5035	
830-4819-35	New Boring - 6 @ 100'	Total/NA	Solid	5035	
830-4819-36	New Boring 7- @ 0-1'	Total/NA	Solid	5035	
830-4819-37	New Boring 7 - @ 3'	Total/NA	Solid	5035	
830-4819-38	New Boring 7- @ 5'	Total/NA	Solid	5035	
830-4819-39	New Boring 7- @ 10'	Total/NA	Solid	5035	
830-4819-40	New Boring 7- @ 15'	Total/NA	Solid	5035	
MB 880-71862/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71862/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71862/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
830-4819-21 MS	New Boring - 6 @ 0-1'	Total/NA	Solid	5035	
830-4819-21 MSD	New Boring - 6 @ 0-1'	Total/NA	Solid	5035	

Prep Batch: 71863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-41	New Boring 7- @ 20'	Total/NA	Solid	5035	
830-4819-42	New Boring 7- @ 25'	Total/NA	Solid	5035	
830-4819-43	New Boring 7- @ 30'	Total/NA	Solid	5035	
830-4819-44	New Boring 7- @ 40'	Total/NA	Solid	5035	
830-4819-45	New Boring 7- @ 50'	Total/NA	Solid	5035	
830-4819-46	New Boring 8- @ 0-1'	Total/NA	Solid	5035	
830-4819-47	New Boring 8- @ 3'	Total/NA	Solid	5035	
830-4819-48	New Boring 8- @ 5'	Total/NA	Solid	5035	
830-4819-49	New Boring 8- @ 10'	Total/NA	Solid	5035	
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	5035	
830-4819-51	New Boring 8- @ 20'	Total/NA	Solid	5035	
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	5035	
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	5035	
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	5035	
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	5035	
830-4819-56	New Boring 8- @ 60'	Total/NA	Solid	5035	
830-4819-57	New Boring 8- @ 70'	Total/NA	Solid	5035	
830-4819-58	New Boring 8- @ 80'	Total/NA	Solid	5035	
830-4819-59	New Boring 8- @ 90'	Total/NA	Solid	5035	
830-4819-60	New Boring 8- @ 100'	Total/NA	Solid	5035	
MB 880-71863/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71863/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71863/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
830-4819-41 MS	New Boring 7- @ 20'	Total/NA	Solid	5035	
830-4819-41 MSD	New Boring 7- @ 20'	Total/NA	Solid	5035	

Prep Batch: 71864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-62	New Boring 9- @ 0-1 '	Total/NA	Solid	5035	
830-4819-63	New Boring 9- @ 3'	Total/NA	Solid	5035	
830-4819-64	New Boring 9- @ 5'	Total/NA	Solid	5035	
830-4819-65	New Boring 9- @ 10'	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Prep Batch: 71864 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-66	New Boring 9- @ 15'	Total/NA	Solid	5035	
830-4819-67	New Boring 9- @ 20'	Total/NA	Solid	5035	
830-4819-68	New Boring 9- @ 25'	Total/NA	Solid	5035	
830-4819-69	New Boring 9- @ 30'	Total/NA	Solid	5035	
830-4819-70	New Boring 9- @ 40'	Total/NA	Solid	5035	
830-4819-71	New Boring 9- @ 50'	Total/NA	Solid	5035	
830-4819-72	New Boring 10- @ 0-1 '	Total/NA	Solid	5035	
830-4819-73	New Boring 10- @ 3 '	Total/NA	Solid	5035	
830-4819-74	New Boring 10- @ 5 '	Total/NA	Solid	5035	
830-4819-75	New Boring 10- @ 10 '	Total/NA	Solid	5035	
830-4819-76	New Boring 10- @ 15 '	Total/NA	Solid	5035	
830-4819-77	New Boring 10- @ 20 '	Total/NA	Solid	5035	
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	5035	
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	5035	
830-4819-80	New Boring 10- @ 40 '	Total/NA	Solid	5035	
MB 880-71864/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71864/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71864/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
830-4819-62 MS	New Boring 9- @ 0-1 '	Total/NA	Solid	5035	
830-4819-62 MSD	New Boring 9- @ 0-1 '	Total/NA	Solid	5035	

Prep Batch: 71865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-81	New Boring 10- @ 50 '	Total/NA	Solid	5035	
830-4819-82	New Boring 10- @ 60 '	Total/NA	Solid	5035	
830-4819-83	New Boring 10- @ 70 '	Total/NA	Solid	5035	
830-4819-84	New Boring 10- @ 80 '	Total/NA	Solid	5035	
830-4819-85	New Boring 11- @ 0-1 '	Total/NA	Solid	5035	
830-4819-86	New Boring 11- @ 3 '	Total/NA	Solid	5035	
830-4819-87	New Boring 11- @ 5 '	Total/NA	Solid	5035	
830-4819-88	New Boring 11- @ 10 '	Total/NA	Solid	5035	
830-4819-89	New Boring 11- @ 15 '	Total/NA	Solid	5035	
830-4819-90	New Boring 11- @ 20 '	Total/NA	Solid	5035	
830-4819-91	New Boring 11- @ 25'	Total/NA	Solid	5035	
830-4819-92	New Boring 11- @ 30'	Total/NA	Solid	5035	
830-4819-93	New Boring 11- @ 40'	Total/NA	Solid	5035	
830-4819-94	New Boring 11- @ 50'	Total/NA	Solid	5035	
830-4819-95	Confirmation Boring 3 @ 0-1'	Total/NA	Solid	5035	
830-4819-96	Confirmation Boring 3 @ 3'	Total/NA	Solid	5035	
830-4819-97	Confirmation Boring 3 @ 5'	Total/NA	Solid	5035	
830-4819-98	Confirmation Boring 2@ 0-1'	Total/NA	Solid	5035	
830-4819-99	Confirmation Boring 2 @ 3'	Total/NA	Solid	5035	
830-4819-100	Confirmation Boring 2 @ 5'	Total/NA	Solid	5035	
MB 880-71865/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71865/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71865/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
830-4819-81 MS	New Boring 10- @ 50 '	Total/NA	Solid	5035	
830-4819-81 MSD	New Boring 10- @ 50 '	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA

Prep Batch: 71866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-101	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	5035	
830-4819-102	Confirmation Boring 1 @ 3'	Total/NA	Solid	5035	
830-4819-103	Confirmation Boring 1 @ 5'	Total/NA	Solid	5035	
830-4819-104	Confirmation Boring 4@ 0-1'	Total/NA	Solid	5035	
830-4819-105	Confirmation Boring 4 @ 3'	Total/NA	Solid	5035	
830-4819-106	Confirmation Boring 4 @ 5'	Total/NA	Solid	5035	
830-4819-107	New Boring 1 @ 0-1'	Total/NA	Solid	5035	
830-4819-108	New Boring 1 @ -3'	Total/NA	Solid	5035	
830-4819-109	New Boring 1 @ -5'	Total/NA	Solid	5035	
830-4819-110	New Boring 4 @ 0-1'	Total/NA	Solid	5035	
830-4819-111	New Boring 4 @ -3'	Total/NA	Solid	5035	
830-4819-112	New Boring 4 @ -5'	Total/NA	Solid	5035	
830-4819-113	New Boring 2 @ 0-1'	Total/NA	Solid	5035	
830-4819-114	New Boring 2 @ 3'	Total/NA	Solid	5035	
830-4819-115	New Boring 2 @ 5'	Total/NA	Solid	5035	
MB 880-71866/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71866/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71866/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
830-4819-101 MS	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	5035	
830-4819-101 MSD	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	5035	

Analysis Batch: 71955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-2	New Boring - 3 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-3	New Boring - 3 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-4	New Boring - 3 @ 10'	Total/NA	Solid	Total BTEX	
830-4819-5	New Boring - 3 @ 15'	Total/NA	Solid	Total BTEX	
830-4819-6	New Boring - 3 @ 20'	Total/NA	Solid	Total BTEX	
830-4819-7	New Boring - 3 @ 25'	Total/NA	Solid	Total BTEX	
830-4819-8	New Boring - 3 @ 30'	Total/NA	Solid	Total BTEX	
830-4819-9	New Boring - 3 @ 40'	Total/NA	Solid	Total BTEX	
830-4819-10	New Boring - 3 @ 50'	Total/NA	Solid	Total BTEX	
830-4819-11	New Boring - 5 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-12	New Boring - 5 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-13	New Boring - 5 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-14	New Boring - 5 @ 10'	Total/NA	Solid	Total BTEX	
830-4819-15	New Boring - 5 @ 15'	Total/NA	Solid	Total BTEX	
830-4819-16	New Boring - 5 @ 20'	Total/NA	Solid	Total BTEX	
830-4819-17	New Boring - 5 @ 25'	Total/NA	Solid	Total BTEX	
830-4819-18	New Boring - 5 @ 30'	Total/NA	Solid	Total BTEX	
830-4819-19	New Boring - 5 @ 40'	Total/NA	Solid	Total BTEX	
830-4819-20	New Boring - 5 @ 50'	Total/NA	Solid	Total BTEX	
830-4819-21	New Boring - 6 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-22	New Boring - 6 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-23	New Boring - 6 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-24	New Boring - 6 @ 10'	Total/NA	Solid	Total BTEX	
830-4819-25	New Boring - 6 @ 15'	Total/NA	Solid	Total BTEX	
830-4819-26	New Boring - 6 @ 20'	Total/NA	Solid	Total BTEX	
830-4819-27	New Boring - 6 @ 25'	Total/NA	Solid	Total BTEX	
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Analysis Batch: 71955 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	Total BTEX	
830-4819-30	New Boring - 6 @ 50'	Total/NA	Solid	Total BTEX	
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	Total BTEX	
830-4819-32	New Boring - 6 @ 70'	Total/NA	Solid	Total BTEX	
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	Total BTEX	
830-4819-34	New Boring - 6 @ 90'	Total/NA	Solid	Total BTEX	
830-4819-35	New Boring - 6 @ 100'	Total/NA	Solid	Total BTEX	
830-4819-36	New Boring 7- @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-37	New Boring 7 - @ 3'	Total/NA	Solid	Total BTEX	
830-4819-38	New Boring 7- @ 5'	Total/NA	Solid	Total BTEX	
830-4819-39	New Boring 7- @ 10'	Total/NA	Solid	Total BTEX	
830-4819-40	New Boring 7- @ 15'	Total/NA	Solid	Total BTEX	
830-4819-41	New Boring 7- @ 20'	Total/NA	Solid	Total BTEX	
830-4819-42	New Boring 7- @ 25'	Total/NA	Solid	Total BTEX	
830-4819-43	New Boring 7- @ 30'	Total/NA	Solid	Total BTEX	
830-4819-44	New Boring 7- @ 40'	Total/NA	Solid	Total BTEX	
830-4819-45	New Boring 7- @ 50'	Total/NA	Solid	Total BTEX	
830-4819-46	New Boring 8- @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-47	New Boring 8- @ 3'	Total/NA	Solid	Total BTEX	
830-4819-48	New Boring 8- @ 5'	Total/NA	Solid	Total BTEX	
830-4819-49	New Boring 8- @ 10'	Total/NA	Solid	Total BTEX	
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	Total BTEX	
830-4819-51	New Boring 8- @ 20'	Total/NA	Solid	Total BTEX	
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	Total BTEX	
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	Total BTEX	
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	Total BTEX	
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	Total BTEX	
830-4819-56	New Boring 8- @ 60'	Total/NA	Solid	Total BTEX	
830-4819-57	New Boring 8- @ 70'	Total/NA	Solid	Total BTEX	
830-4819-58	New Boring 8- @ 80'	Total/NA	Solid	Total BTEX	
830-4819-59	New Boring 8- @ 90'	Total/NA	Solid	Total BTEX	
830-4819-60	New Boring 8- @ 100'	Total/NA	Solid	Total BTEX	
830-4819-61	TB-01-23-24-01	Total/NA	Water	Total BTEX	
830-4819-62	New Boring 9- @ 0-1 '	Total/NA	Solid	Total BTEX	
830-4819-63	New Boring 9- @ 3'	Total/NA	Solid	Total BTEX	
830-4819-64	New Boring 9- @ 5'	Total/NA	Solid	Total BTEX	
830-4819-65	New Boring 9- @ 10'	Total/NA	Solid	Total BTEX	
830-4819-66	New Boring 9- @ 15'	Total/NA	Solid	Total BTEX	
830-4819-67	New Boring 9- @ 20'	Total/NA	Solid	Total BTEX	
830-4819-68	New Boring 9- @ 25'	Total/NA	Solid	Total BTEX	
830-4819-69	New Boring 9- @ 30'	Total/NA	Solid	Total BTEX	
830-4819-70	New Boring 9- @ 40'	Total/NA	Solid	Total BTEX	
830-4819-71	New Boring 9- @ 50'	Total/NA	Solid	Total BTEX	
830-4819-72	New Boring 10- @ 0-1 '	Total/NA	Solid	Total BTEX	
830-4819-73	New Boring 10- @ 3 '	Total/NA	Solid	Total BTEX	
830-4819-74	New Boring 10- @ 5 '	Total/NA	Solid	Total BTEX	
830-4819-75	New Boring 10- @ 10 '	Total/NA	Solid	Total BTEX	
830-4819-76	New Boring 10- @ 15 '	Total/NA	Solid	Total BTEX	
830-4819-77	New Boring 10- @ 20 '	Total/NA	Solid	Total BTEX	
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	Total BTEX	
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Analysis Batch: 71955 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-80	New Boring 10- @ 40 '	Total/NA	Solid	Total BTEX	
830-4819-81	New Boring 10- @ 50 '	Total/NA	Solid	Total BTEX	
830-4819-82	New Boring 10- @ 60 '	Total/NA	Solid	Total BTEX	
830-4819-83	New Boring 10- @ 70 '	Total/NA	Solid	Total BTEX	
830-4819-84	New Boring 10- @ 80 '	Total/NA	Solid	Total BTEX	
830-4819-85	New Boring 11- @ 0-1 '	Total/NA	Solid	Total BTEX	
830-4819-86	New Boring 11- @ 3 '	Total/NA	Solid	Total BTEX	
830-4819-87	New Boring 11- @ 5 '	Total/NA	Solid	Total BTEX	
830-4819-88	New Boring 11- @ 10 '	Total/NA	Solid	Total BTEX	
830-4819-89	New Boring 11- @ 15 '	Total/NA	Solid	Total BTEX	
830-4819-90	New Boring 11- @ 20 '	Total/NA	Solid	Total BTEX	
830-4819-91	New Boring 11- @ 25'	Total/NA	Solid	Total BTEX	
830-4819-92	New Boring 11- @ 30'	Total/NA	Solid	Total BTEX	
830-4819-93	New Boring 11- @ 40'	Total/NA	Solid	Total BTEX	
830-4819-94	New Boring 11- @ 50'	Total/NA	Solid	Total BTEX	
830-4819-95	Confirmation Boring 3 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-96	Confirmation Boring 3 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-97	Confirmation Boring 3 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-98	Confirmation Boring 2@ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-99	Confirmation Boring 2 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-100	Confirmation Boring 2 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-101	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-102	Confirmation Boring 1 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-103	Confirmation Boring 1 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-104	Confirmation Boring 4@ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-105	Confirmation Boring 4 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-106	Confirmation Boring 4 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-107	New Boring 1 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-108	New Boring 1 @ -3'	Total/NA	Solid	Total BTEX	
830-4819-109	New Boring 1 @ -5'	Total/NA	Solid	Total BTEX	
830-4819-110	New Boring 4 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-111	New Boring 4 @ -3'	Total/NA	Solid	Total BTEX	
830-4819-112	New Boring 4 @ -5'	Total/NA	Solid	Total BTEX	
830-4819-113	New Boring 2 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-114	New Boring 2 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-115	New Boring 2 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-116	TB-01-23-24--02	Total/NA	Water	Total BTEX	

Prep Batch: 72060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-72060/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 72102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-72102/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 72103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	5035	
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	5035	
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Prep Batch: 72103 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	5035	
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	5035	
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	5035	
MB 880-72103/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-72103/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-72103/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 72114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	5035	
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	5035	
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	5035	
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	5035	
MB 880-72114/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-72114/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-72114/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6042-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-6042-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 72197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Total/NA	Solid	8021B	71849
830-4819-2	New Boring - 3 @ 3'	Total/NA	Solid	8021B	71849
830-4819-3	New Boring - 3 @ 5'	Total/NA	Solid	8021B	71849
830-4819-4	New Boring - 3 @ 10'	Total/NA	Solid	8021B	71849
830-4819-5	New Boring - 3 @ 15'	Total/NA	Solid	8021B	71849
830-4819-6	New Boring - 3 @ 20'	Total/NA	Solid	8021B	71849
830-4819-7	New Boring - 3 @ 25'	Total/NA	Solid	8021B	71849
830-4819-8	New Boring - 3 @ 30'	Total/NA	Solid	8021B	71849
830-4819-9	New Boring - 3 @ 40'	Total/NA	Solid	8021B	71849
830-4819-10	New Boring - 3 @ 50'	Total/NA	Solid	8021B	71849
830-4819-11	New Boring - 5 @ 0-1'	Total/NA	Solid	8021B	71849
830-4819-12	New Boring - 5 @ 3'	Total/NA	Solid	8021B	71849
830-4819-13	New Boring - 5 @ 5'	Total/NA	Solid	8021B	71849
830-4819-14	New Boring - 5 @ 10'	Total/NA	Solid	8021B	71849
830-4819-15	New Boring - 5 @ 15'	Total/NA	Solid	8021B	71849
830-4819-16	New Boring - 5 @ 20'	Total/NA	Solid	8021B	71849
830-4819-17	New Boring - 5 @ 25'	Total/NA	Solid	8021B	71849
830-4819-18	New Boring - 5 @ 30'	Total/NA	Solid	8021B	71849
830-4819-19	New Boring - 5 @ 40'	Total/NA	Solid	8021B	71849
830-4819-20	New Boring - 5 @ 50'	Total/NA	Solid	8021B	71849
MB 880-71849/5-A	Method Blank	Total/NA	Solid	8021B	71849
MB 880-72060/5-A	Method Blank	Total/NA	Solid	8021B	72060
LCS 880-71849/1-A	Lab Control Sample	Total/NA	Solid	8021B	71849
LCSD 880-71849/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71849
830-4819-1 MS	New Boring - 3 @ 0-1'	Total/NA	Solid	8021B	71849
830-4819-1 MSD	New Boring - 3 @ 0-1'	Total/NA	Solid	8021B	71849

Analysis Batch: 72266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-21	New Boring - 6 @ 0-1'	Total/NA	Solid	8021B	71862

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Analysis Batch: 72266 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-22	New Boring - 6 @ 3'	Total/NA	Solid	8021B	71862
830-4819-23	New Boring - 6 @ 5'	Total/NA	Solid	8021B	71862
830-4819-24	New Boring - 6 @ 10'	Total/NA	Solid	8021B	71862
830-4819-25	New Boring - 6 @ 15'	Total/NA	Solid	8021B	71862
830-4819-26	New Boring - 6 @ 20'	Total/NA	Solid	8021B	71862
830-4819-27	New Boring - 6 @ 25'	Total/NA	Solid	8021B	71862
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	8021B	71862
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	8021B	71862
830-4819-30	New Boring - 6 @ 50'	Total/NA	Solid	8021B	71862
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	8021B	71862
830-4819-32	New Boring - 6 @ 70'	Total/NA	Solid	8021B	71862
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	8021B	71862
830-4819-34	New Boring - 6 @ 90'	Total/NA	Solid	8021B	71862
830-4819-35	New Boring - 6 @ 100'	Total/NA	Solid	8021B	71862
830-4819-36	New Boring 7- @ 0-1'	Total/NA	Solid	8021B	71862
830-4819-37	New Boring 7 - @ 3'	Total/NA	Solid	8021B	71862
830-4819-38	New Boring 7- @ 5'	Total/NA	Solid	8021B	71862
830-4819-39	New Boring 7- @ 10'	Total/NA	Solid	8021B	71862
830-4819-40	New Boring 7- @ 15'	Total/NA	Solid	8021B	71862
830-4819-81	New Boring 10- @ 50 '	Total/NA	Solid	8021B	71865
830-4819-82	New Boring 10- @ 60 '	Total/NA	Solid	8021B	71865
830-4819-83	New Boring 10- @ 70 '	Total/NA	Solid	8021B	71865
830-4819-84	New Boring 10- @ 80 '	Total/NA	Solid	8021B	71865
830-4819-85	New Boring 11- @ 0-1 '	Total/NA	Solid	8021B	71865
830-4819-86	New Boring 11- @ 3 '	Total/NA	Solid	8021B	71865
830-4819-87	New Boring 11- @ 5 '	Total/NA	Solid	8021B	71865
830-4819-88	New Boring 11- @ 10 '	Total/NA	Solid	8021B	71865
830-4819-89	New Boring 11- @ 15 '	Total/NA	Solid	8021B	71865
830-4819-90	New Boring 11- @ 20 '	Total/NA	Solid	8021B	71865
830-4819-91	New Boring 11- @ 25'	Total/NA	Solid	8021B	71865
830-4819-92	New Boring 11- @ 30'	Total/NA	Solid	8021B	71865
830-4819-93	New Boring 11- @ 40'	Total/NA	Solid	8021B	71865
830-4819-94	New Boring 11- @ 50'	Total/NA	Solid	8021B	71865
830-4819-95	Confirmation Boring 3 @ 0-1'	Total/NA	Solid	8021B	71865
830-4819-96	Confirmation Boring 3 @ 3'	Total/NA	Solid	8021B	71865
830-4819-97	Confirmation Boring 3 @ 5'	Total/NA	Solid	8021B	71865
830-4819-98	Confirmation Boring 2@ 0-1'	Total/NA	Solid	8021B	71865
830-4819-99	Confirmation Boring 2 @ 3'	Total/NA	Solid	8021B	71865
830-4819-100	Confirmation Boring 2 @ 5'	Total/NA	Solid	8021B	71865
MB 880-71862/5-A	Method Blank	Total/NA	Solid	8021B	71862
MB 880-71865/5-A	Method Blank	Total/NA	Solid	8021B	71865
MB 880-72102/5-A	Method Blank	Total/NA	Solid	8021B	72102
LCS 880-71862/1-A	Lab Control Sample	Total/NA	Solid	8021B	71862
LCS 880-71865/1-A	Lab Control Sample	Total/NA	Solid	8021B	71865
LCSD 880-71862/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71862
LCSD 880-71865/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71865
830-4819-21 MS	New Boring - 6 @ 0-1'	Total/NA	Solid	8021B	71862
830-4819-21 MSD	New Boring - 6 @ 0-1'	Total/NA	Solid	8021B	71862
830-4819-81 MS	New Boring 10- @ 50 '	Total/NA	Solid	8021B	71865
830-4819-81 MSD	New Boring 10- @ 50 '	Total/NA	Solid	8021B	71865

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA

Analysis Batch: 72288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-41	New Boring 7- @ 20'	Total/NA	Solid	8021B	71863
830-4819-42	New Boring 7- @ 25'	Total/NA	Solid	8021B	71863
830-4819-43	New Boring 7- @ 30'	Total/NA	Solid	8021B	71863
830-4819-44	New Boring 7- @ 40'	Total/NA	Solid	8021B	71863
830-4819-45	New Boring 7- @ 50'	Total/NA	Solid	8021B	71863
830-4819-46	New Boring 8- @ 0-1'	Total/NA	Solid	8021B	71863
830-4819-47	New Boring 8- @ 3'	Total/NA	Solid	8021B	71863
830-4819-48	New Boring 8- @ 5'	Total/NA	Solid	8021B	71863
830-4819-49	New Boring 8- @ 10'	Total/NA	Solid	8021B	71863
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	8021B	71863
830-4819-51	New Boring 8- @ 20'	Total/NA	Solid	8021B	71863
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	8021B	71863
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	8021B	71863
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	8021B	71863
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	8021B	71863
830-4819-56	New Boring 8- @ 60'	Total/NA	Solid	8021B	71863
830-4819-57	New Boring 8- @ 70'	Total/NA	Solid	8021B	71863
830-4819-58	New Boring 8- @ 80'	Total/NA	Solid	8021B	71863
830-4819-59	New Boring 8- @ 90'	Total/NA	Solid	8021B	71863
830-4819-60	New Boring 8- @ 100'	Total/NA	Solid	8021B	71863
830-4819-62	New Boring 9- @ 0-1 '	Total/NA	Solid	8021B	71864
830-4819-63	New Boring 9- @ 3'	Total/NA	Solid	8021B	71864
830-4819-64	New Boring 9- @ 5'	Total/NA	Solid	8021B	71864
830-4819-65	New Boring 9- @ 10'	Total/NA	Solid	8021B	71864
830-4819-66	New Boring 9- @ 15'	Total/NA	Solid	8021B	71864
830-4819-67	New Boring 9- @ 20'	Total/NA	Solid	8021B	71864
830-4819-68	New Boring 9- @ 25'	Total/NA	Solid	8021B	71864
830-4819-69	New Boring 9- @ 30'	Total/NA	Solid	8021B	71864
830-4819-70	New Boring 9- @ 40'	Total/NA	Solid	8021B	71864
830-4819-71	New Boring 9- @ 50'	Total/NA	Solid	8021B	71864
830-4819-72	New Boring 10- @ 0-1 '	Total/NA	Solid	8021B	71864
830-4819-73	New Boring 10- @ 3 '	Total/NA	Solid	8021B	71864
830-4819-74	New Boring 10- @ 5 '	Total/NA	Solid	8021B	71864
830-4819-75	New Boring 10- @ 10 '	Total/NA	Solid	8021B	71864
830-4819-76	New Boring 10- @ 15 '	Total/NA	Solid	8021B	71864
830-4819-77	New Boring 10- @ 20 '	Total/NA	Solid	8021B	71864
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	8021B	71864
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	8021B	71864
830-4819-80	New Boring 10- @ 40 '	Total/NA	Solid	8021B	71864
830-4819-101	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	8021B	71866
830-4819-102	Confirmation Boring 1 @ 3'	Total/NA	Solid	8021B	71866
830-4819-103	Confirmation Boring 1 @ 5'	Total/NA	Solid	8021B	71866
830-4819-104	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8021B	71866
830-4819-105	Confirmation Boring 4 @ 3'	Total/NA	Solid	8021B	71866
830-4819-106	Confirmation Boring 4 @ 5'	Total/NA	Solid	8021B	71866
830-4819-107	New Boring 1 @ 0-1'	Total/NA	Solid	8021B	71866
830-4819-108	New Boring 1 @ -3'	Total/NA	Solid	8021B	71866
830-4819-109	New Boring 1 @ -5'	Total/NA	Solid	8021B	71866
830-4819-110	New Boring 4 @ 0-1'	Total/NA	Solid	8021B	71866
830-4819-111	New Boring 4 @ -3'	Total/NA	Solid	8021B	71866
830-4819-112	New Boring 4 @ -5'	Total/NA	Solid	8021B	71866

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Analysis Batch: 72288 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-113	New Boring 2 @ 0-1'	Total/NA	Solid	8021B	71866
830-4819-114	New Boring 2 @ 3'	Total/NA	Solid	8021B	71866
830-4819-115	New Boring 2 @ 5'	Total/NA	Solid	8021B	71866
MB 880-71863/5-A	Method Blank	Total/NA	Solid	8021B	71863
MB 880-71864/5-A	Method Blank	Total/NA	Solid	8021B	71864
MB 880-71866/5-A	Method Blank	Total/NA	Solid	8021B	71866
LCS 880-71863/1-A	Lab Control Sample	Total/NA	Solid	8021B	71863
LCS 880-71864/1-A	Lab Control Sample	Total/NA	Solid	8021B	71864
LCS 880-71866/1-A	Lab Control Sample	Total/NA	Solid	8021B	71866
LCSD 880-71863/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71863
LCSD 880-71864/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71864
LCSD 880-71866/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71866
830-4819-41 MS	New Boring 7- @ 20'	Total/NA	Solid	8021B	71863
830-4819-41 MSD	New Boring 7- @ 20'	Total/NA	Solid	8021B	71863
830-4819-62 MS	New Boring 9- @ 0-1 '	Total/NA	Solid	8021B	71864
830-4819-62 MSD	New Boring 9- @ 0-1 '	Total/NA	Solid	8021B	71864
830-4819-101 MS	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	8021B	71866
830-4819-101 MSD	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	8021B	71866

Analysis Batch: 72315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	8021B	72362
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	8021B	72103
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	8021B	72103
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	8021B	72103
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	8021B	72103
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	8021B	72103
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	8021B	72103
830-4819-116	TB-01-23-24--02	Total/NA	Water	8021B	
MB 880-72103/5-A	Method Blank	Total/NA	Solid	8021B	72103
MB 880-72315/70	Method Blank	Total/NA	Water	8021B	
MB 880-72362/5-A	Method Blank	Total/NA	Solid	8021B	72362
LCS 880-72103/1-A	Lab Control Sample	Total/NA	Solid	8021B	72103
LCS 880-72315/65	Lab Control Sample	Total/NA	Water	8021B	
LCS 880-72362/1-A	Lab Control Sample	Total/NA	Solid	8021B	72362
LCSD 880-72103/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	72103
LCSD 880-72315/66	Lab Control Sample Dup	Total/NA	Water	8021B	
LCSD 880-72362/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	72362
830-4819-116 MS	TB-01-23-24--02	Total/NA	Water	8021B	
830-4819-116 MSD	TB-01-23-24--02	Total/NA	Water	8021B	

Analysis Batch: 72316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	8021B	72114
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	8021B	72114
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	8021B	72114
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	8021B	72114
MB 880-72114/5-A	Method Blank	Total/NA	Solid	8021B	72114
LCS 880-72114/1-A	Lab Control Sample	Total/NA	Solid	8021B	72114
LCSD 880-72114/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	72114
890-6042-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	72114

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Analysis Batch: 72316 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6042-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	72114

Prep Batch: 72362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	5035	
MB 880-72362/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-72362/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-72362/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 17633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-21	New Boring - 6 @ 0-1'	Total/NA	Solid	8015B NM	17650
830-4819-22	New Boring - 6 @ 3'	Total/NA	Solid	8015B NM	17650
830-4819-23	New Boring - 6 @ 5'	Total/NA	Solid	8015B NM	17650
830-4819-24	New Boring - 6 @ 10'	Total/NA	Solid	8015B NM	17650
830-4819-25	New Boring - 6 @ 15'	Total/NA	Solid	8015B NM	17650
830-4819-26	New Boring - 6 @ 20'	Total/NA	Solid	8015B NM	17650
830-4819-27	New Boring - 6 @ 25'	Total/NA	Solid	8015B NM	17650
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	8015B NM	17650
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	8015B NM	17650
830-4819-30	New Boring - 6 @ 50'	Total/NA	Solid	8015B NM	17650
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	8015B NM	17650
830-4819-32	New Boring - 6 @ 70'	Total/NA	Solid	8015B NM	17650
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	8015B NM	17650
830-4819-34	New Boring - 6 @ 90'	Total/NA	Solid	8015B NM	17650
830-4819-35	New Boring - 6 @ 100'	Total/NA	Solid	8015B NM	17650
830-4819-36	New Boring 7- @ 0-1'	Total/NA	Solid	8015B NM	17650
830-4819-37	New Boring 7 - @ 3'	Total/NA	Solid	8015B NM	17650
830-4819-38	New Boring 7- @ 5'	Total/NA	Solid	8015B NM	17650
830-4819-39	New Boring 7- @ 10'	Total/NA	Solid	8015B NM	17650
830-4819-40	New Boring 7- @ 15'	Total/NA	Solid	8015B NM	17650
MB 870-17650/3-A	Method Blank	Total/NA	Solid	8015B NM	17650
LCS 870-17650/1-A	Lab Control Sample	Total/NA	Solid	8015B NM	17650
LCSD 870-17650/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17650
830-4819-21 MS	New Boring - 6 @ 0-1'	Total/NA	Solid	8015B NM	17650
830-4819-21 MSD	New Boring - 6 @ 0-1'	Total/NA	Solid	8015B NM	17650

Prep Batch: 17650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-21	New Boring - 6 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-22	New Boring - 6 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-23	New Boring - 6 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-24	New Boring - 6 @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-25	New Boring - 6 @ 15'	Total/NA	Solid	8015NM Prep	
830-4819-26	New Boring - 6 @ 20'	Total/NA	Solid	8015NM Prep	
830-4819-27	New Boring - 6 @ 25'	Total/NA	Solid	8015NM Prep	
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	8015NM Prep	
830-4819-30	New Boring - 6 @ 50'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Prep Batch: 17650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	8015NM Prep	
830-4819-32	New Boring - 6 @ 70'	Total/NA	Solid	8015NM Prep	
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	8015NM Prep	
830-4819-34	New Boring - 6 @ 90'	Total/NA	Solid	8015NM Prep	
830-4819-35	New Boring - 6 @ 100'	Total/NA	Solid	8015NM Prep	
830-4819-36	New Boring 7- @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-37	New Boring 7 - @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-38	New Boring 7- @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-39	New Boring 7- @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-40	New Boring 7- @ 15'	Total/NA	Solid	8015NM Prep	
MB 870-17650/3-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 870-17650/1-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 870-17650/2-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
830-4819-21 MS	New Boring - 6 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-21 MSD	New Boring - 6 @ 0-1'	Total/NA	Solid	8015NM Prep	

Prep Batch: 17657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-2	New Boring - 3 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-3	New Boring - 3 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-4	New Boring - 3 @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-5	New Boring - 3 @ 15'	Total/NA	Solid	8015NM Prep	
830-4819-6	New Boring - 3 @ 20'	Total/NA	Solid	8015NM Prep	
830-4819-7	New Boring - 3 @ 25'	Total/NA	Solid	8015NM Prep	
830-4819-8	New Boring - 3 @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-9	New Boring - 3 @ 40'	Total/NA	Solid	8015NM Prep	
830-4819-10	New Boring - 3 @ 50'	Total/NA	Solid	8015NM Prep	
830-4819-11	New Boring - 5 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-12	New Boring - 5 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-13	New Boring - 5 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-14	New Boring - 5 @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-15	New Boring - 5 @ 15'	Total/NA	Solid	8015NM Prep	
830-4819-16	New Boring - 5 @ 20'	Total/NA	Solid	8015NM Prep	
830-4819-17	New Boring - 5 @ 25'	Total/NA	Solid	8015NM Prep	
830-4819-18	New Boring - 5 @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-19	New Boring - 5 @ 40'	Total/NA	Solid	8015NM Prep	
830-4819-20	New Boring - 5 @ 50'	Total/NA	Solid	8015NM Prep	
MB 870-17657/3-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 870-17657/1-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 870-17657/2-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
830-4819-1 MS	New Boring - 3 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-1 MSD	New Boring - 3 @ 0-1'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Total/NA	Solid	8015B NM	17657
830-4819-2	New Boring - 3 @ 3'	Total/NA	Solid	8015B NM	17657
830-4819-3	New Boring - 3 @ 5'	Total/NA	Solid	8015B NM	17657
830-4819-4	New Boring - 3 @ 10'	Total/NA	Solid	8015B NM	17657
830-4819-5	New Boring - 3 @ 15'	Total/NA	Solid	8015B NM	17657

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Analysis Batch: 17660 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-6	New Boring - 3 @ 20'	Total/NA	Solid	8015B NM	17657
830-4819-7	New Boring - 3 @ 25'	Total/NA	Solid	8015B NM	17657
830-4819-8	New Boring - 3 @ 30'	Total/NA	Solid	8015B NM	17657
830-4819-9	New Boring - 3 @ 40'	Total/NA	Solid	8015B NM	17657
830-4819-10	New Boring - 3 @ 50'	Total/NA	Solid	8015B NM	17657
830-4819-11	New Boring - 5 @ 0-1'	Total/NA	Solid	8015B NM	17657
830-4819-12	New Boring - 5 @ 3'	Total/NA	Solid	8015B NM	17657
830-4819-13	New Boring - 5 @ 5'	Total/NA	Solid	8015B NM	17657
830-4819-14	New Boring - 5 @ 10'	Total/NA	Solid	8015B NM	17657
830-4819-15	New Boring - 5 @ 15'	Total/NA	Solid	8015B NM	17657
830-4819-16	New Boring - 5 @ 20'	Total/NA	Solid	8015B NM	17657
830-4819-17	New Boring - 5 @ 25'	Total/NA	Solid	8015B NM	17657
830-4819-18	New Boring - 5 @ 30'	Total/NA	Solid	8015B NM	17657
830-4819-19	New Boring - 5 @ 40'	Total/NA	Solid	8015B NM	17657
830-4819-20	New Boring - 5 @ 50'	Total/NA	Solid	8015B NM	17657
MB 870-17657/3-A	Method Blank	Total/NA	Solid	8015B NM	17657
LCS 870-17657/1-A	Lab Control Sample	Total/NA	Solid	8015B NM	17657
LCSD 870-17657/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17657
830-4819-1 MS	New Boring - 3 @ 0-1'	Total/NA	Solid	8015B NM	17657
830-4819-1 MSD	New Boring - 3 @ 0-1'	Total/NA	Solid	8015B NM	17657

Analysis Batch: 17758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-2	New Boring - 3 @ 3'	Total/NA	Solid	8015 NM	
830-4819-3	New Boring - 3 @ 5'	Total/NA	Solid	8015 NM	
830-4819-4	New Boring - 3 @ 10'	Total/NA	Solid	8015 NM	
830-4819-5	New Boring - 3 @ 15'	Total/NA	Solid	8015 NM	
830-4819-6	New Boring - 3 @ 20'	Total/NA	Solid	8015 NM	
830-4819-7	New Boring - 3 @ 25'	Total/NA	Solid	8015 NM	
830-4819-8	New Boring - 3 @ 30'	Total/NA	Solid	8015 NM	
830-4819-9	New Boring - 3 @ 40'	Total/NA	Solid	8015 NM	
830-4819-10	New Boring - 3 @ 50'	Total/NA	Solid	8015 NM	
830-4819-11	New Boring - 5 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-12	New Boring - 5 @ 3'	Total/NA	Solid	8015 NM	
830-4819-13	New Boring - 5 @ 5'	Total/NA	Solid	8015 NM	
830-4819-14	New Boring - 5 @ 10'	Total/NA	Solid	8015 NM	
830-4819-15	New Boring - 5 @ 15'	Total/NA	Solid	8015 NM	
830-4819-16	New Boring - 5 @ 20'	Total/NA	Solid	8015 NM	
830-4819-17	New Boring - 5 @ 25'	Total/NA	Solid	8015 NM	
830-4819-18	New Boring - 5 @ 30'	Total/NA	Solid	8015 NM	
830-4819-19	New Boring - 5 @ 40'	Total/NA	Solid	8015 NM	
830-4819-20	New Boring - 5 @ 50'	Total/NA	Solid	8015 NM	
830-4819-21	New Boring - 6 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-22	New Boring - 6 @ 3'	Total/NA	Solid	8015 NM	
830-4819-23	New Boring - 6 @ 5'	Total/NA	Solid	8015 NM	
830-4819-24	New Boring - 6 @ 10'	Total/NA	Solid	8015 NM	
830-4819-25	New Boring - 6 @ 15'	Total/NA	Solid	8015 NM	
830-4819-26	New Boring - 6 @ 20'	Total/NA	Solid	8015 NM	
830-4819-27	New Boring - 6 @ 25'	Total/NA	Solid	8015 NM	
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Analysis Batch: 17758 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	8015 NM	
830-4819-30	New Boring - 6 @ 50'	Total/NA	Solid	8015 NM	
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	8015 NM	
830-4819-32	New Boring - 6 @ 70'	Total/NA	Solid	8015 NM	
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	8015 NM	
830-4819-34	New Boring - 6 @ 90'	Total/NA	Solid	8015 NM	
830-4819-35	New Boring - 6 @ 100'	Total/NA	Solid	8015 NM	
830-4819-36	New Boring 7- @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-37	New Boring 7 - @ 3'	Total/NA	Solid	8015 NM	
830-4819-38	New Boring 7- @ 5'	Total/NA	Solid	8015 NM	
830-4819-39	New Boring 7- @ 10'	Total/NA	Solid	8015 NM	
830-4819-40	New Boring 7- @ 15'	Total/NA	Solid	8015 NM	
830-4819-41	New Boring 7- @ 20'	Total/NA	Solid	8015 NM	
830-4819-42	New Boring 7- @ 25'	Total/NA	Solid	8015 NM	
830-4819-43	New Boring 7- @ 30'	Total/NA	Solid	8015 NM	
830-4819-44	New Boring 7- @ 40'	Total/NA	Solid	8015 NM	
830-4819-45	New Boring 7- @ 50'	Total/NA	Solid	8015 NM	
830-4819-46	New Boring 8- @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-47	New Boring 8- @ 3'	Total/NA	Solid	8015 NM	
830-4819-48	New Boring 8- @ 5'	Total/NA	Solid	8015 NM	
830-4819-49	New Boring 8- @ 10'	Total/NA	Solid	8015 NM	
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	8015 NM	
830-4819-51	New Boring 8- @ 20'	Total/NA	Solid	8015 NM	
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	8015 NM	
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	8015 NM	
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	8015 NM	
830-4819-56	New Boring 8- @ 60'	Total/NA	Solid	8015 NM	
830-4819-57	New Boring 8- @ 70'	Total/NA	Solid	8015 NM	
830-4819-58	New Boring 8- @ 80'	Total/NA	Solid	8015 NM	
830-4819-59	New Boring 8- @ 90'	Total/NA	Solid	8015 NM	
830-4819-60	New Boring 8- @ 100'	Total/NA	Solid	8015 NM	
830-4819-62	New Boring 9- @ 0-1 '	Total/NA	Solid	8015 NM	
830-4819-63	New Boring 9- @ 3'	Total/NA	Solid	8015 NM	
830-4819-64	New Boring 9- @ 5'	Total/NA	Solid	8015 NM	
830-4819-65	New Boring 9- @ 10'	Total/NA	Solid	8015 NM	
830-4819-66	New Boring 9- @ 15'	Total/NA	Solid	8015 NM	
830-4819-67	New Boring 9- @ 20'	Total/NA	Solid	8015 NM	
830-4819-68	New Boring 9- @ 25'	Total/NA	Solid	8015 NM	
830-4819-69	New Boring 9- @ 30'	Total/NA	Solid	8015 NM	
830-4819-70	New Boring 9- @ 40'	Total/NA	Solid	8015 NM	
830-4819-71	New Boring 9- @ 50'	Total/NA	Solid	8015 NM	
830-4819-72	New Boring 10- @ 0-1 '	Total/NA	Solid	8015 NM	
830-4819-73	New Boring 10- @ 3 '	Total/NA	Solid	8015 NM	
830-4819-74	New Boring 10- @ 5 '	Total/NA	Solid	8015 NM	
830-4819-75	New Boring 10- @ 10 '	Total/NA	Solid	8015 NM	
830-4819-76	New Boring 10- @ 15 '	Total/NA	Solid	8015 NM	
830-4819-77	New Boring 10- @ 20 '	Total/NA	Solid	8015 NM	
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	8015 NM	
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	8015 NM	
830-4819-80	New Boring 10- @ 40 '	Total/NA	Solid	8015 NM	
830-4819-81	New Boring 10- @ 50 '	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Analysis Batch: 17758 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-82	New Boring 10- @ 60 '	Total/NA	Solid	8015 NM	
830-4819-83	New Boring 10- @ 70 '	Total/NA	Solid	8015 NM	
830-4819-84	New Boring 10- @ 80 '	Total/NA	Solid	8015 NM	
830-4819-85	New Boring 11- @ 0-1 '	Total/NA	Solid	8015 NM	
830-4819-86	New Boring 11- @ 3 '	Total/NA	Solid	8015 NM	
830-4819-87	New Boring 11- @ 5 '	Total/NA	Solid	8015 NM	
830-4819-88	New Boring 11- @ 10 '	Total/NA	Solid	8015 NM	
830-4819-89	New Boring 11- @ 15 '	Total/NA	Solid	8015 NM	
830-4819-90	New Boring 11- @ 20 '	Total/NA	Solid	8015 NM	
830-4819-91	New Boring 11- @ 25'	Total/NA	Solid	8015 NM	
830-4819-92	New Boring 11- @ 30'	Total/NA	Solid	8015 NM	
830-4819-93	New Boring 11- @ 40'	Total/NA	Solid	8015 NM	
830-4819-94	New Boring 11- @ 50'	Total/NA	Solid	8015 NM	
830-4819-95	Confirmation Boring 3 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-96	Confirmation Boring 3 @ 3'	Total/NA	Solid	8015 NM	
830-4819-97	Confirmation Boring 3 @ 5'	Total/NA	Solid	8015 NM	
830-4819-98	Confirmation Boring 2@ 0-1'	Total/NA	Solid	8015 NM	
830-4819-99	Confirmation Boring 2 @ 3'	Total/NA	Solid	8015 NM	
830-4819-100	Confirmation Boring 2 @ 5'	Total/NA	Solid	8015 NM	
830-4819-101	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-102	Confirmation Boring 1 @ 3'	Total/NA	Solid	8015 NM	
830-4819-103	Confirmation Boring 1 @ 5'	Total/NA	Solid	8015 NM	
830-4819-104	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015 NM	
830-4819-105	Confirmation Boring 4 @ 3'	Total/NA	Solid	8015 NM	
830-4819-106	Confirmation Boring 4 @ 5'	Total/NA	Solid	8015 NM	
830-4819-107	New Boring 1 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-108	New Boring 1 @ -3'	Total/NA	Solid	8015 NM	
830-4819-109	New Boring 1 @ -5'	Total/NA	Solid	8015 NM	
830-4819-110	New Boring 4 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-111	New Boring 4 @ -3'	Total/NA	Solid	8015 NM	
830-4819-112	New Boring 4 @ -5'	Total/NA	Solid	8015 NM	
830-4819-113	New Boring 2 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-114	New Boring 2 @ 3'	Total/NA	Solid	8015 NM	
830-4819-115	New Boring 2 @ 5'	Total/NA	Solid	8015 NM	

Prep Batch: 17900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-41	New Boring 7- @ 20'	Total/NA	Solid	8015NM Prep	
830-4819-42	New Boring 7- @ 25'	Total/NA	Solid	8015NM Prep	
830-4819-43	New Boring 7- @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-44	New Boring 7- @ 40'	Total/NA	Solid	8015NM Prep	
830-4819-45	New Boring 7- @ 50'	Total/NA	Solid	8015NM Prep	
830-4819-46	New Boring 8- @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-47	New Boring 8- @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-48	New Boring 8- @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-49	New Boring 8- @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	8015NM Prep	
830-4819-51	New Boring 8- @ 20'	Total/NA	Solid	8015NM Prep	
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	8015NM Prep	
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Prep Batch: 17900 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-56	New Boring 8- @ 60'	Total/NA	Solid	8015NM Prep	
830-4819-57	New Boring 8- @ 70'	Total/NA	Solid	8015NM Prep	
830-4819-58	New Boring 8- @ 80'	Total/NA	Solid	8015NM Prep	
830-4819-59	New Boring 8- @ 90'	Total/NA	Solid	8015NM Prep	
830-4819-60	New Boring 8- @ 100'	Total/NA	Solid	8015NM Prep	
MB 870-17900/3-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 870-17900/1-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 870-17900/2-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
830-4819-49 MS	New Boring 8- @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-49 MSD	New Boring 8- @ 10'	Total/NA	Solid	8015NM Prep	

Prep Batch: 17901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-62	New Boring 9- @ 0-1 '	Total/NA	Solid	8015NM Prep	
830-4819-63	New Boring 9- @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-64	New Boring 9- @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-65	New Boring 9- @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-66	New Boring 9- @ 15'	Total/NA	Solid	8015NM Prep	
830-4819-67	New Boring 9- @ 20'	Total/NA	Solid	8015NM Prep	
830-4819-68	New Boring 9- @ 25'	Total/NA	Solid	8015NM Prep	
830-4819-69	New Boring 9- @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-70	New Boring 9- @ 40'	Total/NA	Solid	8015NM Prep	
830-4819-71	New Boring 9- @ 50'	Total/NA	Solid	8015NM Prep	
830-4819-72	New Boring 10- @ 0-1 '	Total/NA	Solid	8015NM Prep	
830-4819-73	New Boring 10- @ 3 '	Total/NA	Solid	8015NM Prep	
830-4819-74	New Boring 10- @ 5 '	Total/NA	Solid	8015NM Prep	
830-4819-75	New Boring 10- @ 10 '	Total/NA	Solid	8015NM Prep	
830-4819-76	New Boring 10- @ 15 '	Total/NA	Solid	8015NM Prep	
830-4819-77	New Boring 10- @ 20 '	Total/NA	Solid	8015NM Prep	
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	8015NM Prep	
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	8015NM Prep	
830-4819-80	New Boring 10- @ 40 '	Total/NA	Solid	8015NM Prep	
830-4819-81	New Boring 10- @ 50 '	Total/NA	Solid	8015NM Prep	
MB 870-17901/3-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 870-17901/1-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 870-17901/2-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
830-4819-64 MS	New Boring 9- @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-64 MSD	New Boring 9- @ 5'	Total/NA	Solid	8015NM Prep	

Prep Batch: 17902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-82	New Boring 10- @ 60 '	Total/NA	Solid	8015NM Prep	
830-4819-83	New Boring 10- @ 70 '	Total/NA	Solid	8015NM Prep	
830-4819-84	New Boring 10- @ 80 '	Total/NA	Solid	8015NM Prep	
830-4819-85	New Boring 11- @ 0-1 '	Total/NA	Solid	8015NM Prep	
830-4819-86	New Boring 11- @ 3 '	Total/NA	Solid	8015NM Prep	
830-4819-87	New Boring 11- @ 5 '	Total/NA	Solid	8015NM Prep	
830-4819-88	New Boring 11- @ 10 '	Total/NA	Solid	8015NM Prep	
830-4819-89	New Boring 11- @ 15 '	Total/NA	Solid	8015NM Prep	
830-4819-90	New Boring 11- @ 20 '	Total/NA	Solid	8015NM Prep	
830-4819-91	New Boring 11- @ 25'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Prep Batch: 17902 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-92	New Boring 11- @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-93	New Boring 11- @ 40'	Total/NA	Solid	8015NM Prep	
830-4819-94	New Boring 11- @ 50'	Total/NA	Solid	8015NM Prep	
830-4819-95	Confirmation Boring 3 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-96	Confirmation Boring 3 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-97	Confirmation Boring 3 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-98	Confirmation Boring 2@ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-99	Confirmation Boring 2 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-100	Confirmation Boring 2 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-101	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	8015NM Prep	
MB 870-17902/3-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 870-17902/1-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 870-17902/2-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
830-4819-87 MS	New Boring 11- @ 5 '	Total/NA	Solid	8015NM Prep	
830-4819-87 MSD	New Boring 11- @ 5 '	Total/NA	Solid	8015NM Prep	

Prep Batch: 17903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-102	Confirmation Boring 1 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-103	Confirmation Boring 1 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-104	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-105	Confirmation Boring 4 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-106	Confirmation Boring 4 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-107	New Boring 1 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-108	New Boring 1 @ -3'	Total/NA	Solid	8015NM Prep	
830-4819-109	New Boring 1 @ -5'	Total/NA	Solid	8015NM Prep	
830-4819-110	New Boring 4 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-111	New Boring 4 @ -3'	Total/NA	Solid	8015NM Prep	
830-4819-112	New Boring 4 @ -5'	Total/NA	Solid	8015NM Prep	
830-4819-113	New Boring 2 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-114	New Boring 2 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-115	New Boring 2 @ 5'	Total/NA	Solid	8015NM Prep	
MB 870-17903/3-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 870-17903/1-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 870-17903/2-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
830-4819-104 MS	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-104 MSD	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-69	New Boring 9- @ 30'	Total/NA	Solid	8015B NM	17901
830-4819-72	New Boring 10- @ 0-1 '	Total/NA	Solid	8015B NM	17901
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	8015B NM	17901
830-4819-81	New Boring 10- @ 50 '	Total/NA	Solid	8015B NM	17901

Analysis Batch: 17969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-41	New Boring 7- @ 20'	Total/NA	Solid	8015B NM	17900
830-4819-42	New Boring 7- @ 25'	Total/NA	Solid	8015B NM	17900
830-4819-43	New Boring 7- @ 30'	Total/NA	Solid	8015B NM	17900
830-4819-44	New Boring 7- @ 40'	Total/NA	Solid	8015B NM	17900

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Analysis Batch: 17969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-45	New Boring 7- @ 50'	Total/NA	Solid	8015B NM	17900
830-4819-46	New Boring 8- @ 0-1'	Total/NA	Solid	8015B NM	17900
830-4819-47	New Boring 8- @ 3'	Total/NA	Solid	8015B NM	17900
830-4819-48	New Boring 8- @ 5'	Total/NA	Solid	8015B NM	17900
830-4819-49	New Boring 8- @ 10'	Total/NA	Solid	8015B NM	17900
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	8015B NM	17900
830-4819-51	New Boring 8- @ 20'	Total/NA	Solid	8015B NM	17900
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	8015B NM	17900
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	8015B NM	17900
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	8015B NM	17900
830-4819-56	New Boring 8- @ 60'	Total/NA	Solid	8015B NM	17900
830-4819-57	New Boring 8- @ 70'	Total/NA	Solid	8015B NM	17900
830-4819-58	New Boring 8- @ 80'	Total/NA	Solid	8015B NM	17900
830-4819-59	New Boring 8- @ 90'	Total/NA	Solid	8015B NM	17900
830-4819-60	New Boring 8- @ 100'	Total/NA	Solid	8015B NM	17900
830-4819-62	New Boring 9- @ 0-1 '	Total/NA	Solid	8015B NM	17901
830-4819-63	New Boring 9- @ 3'	Total/NA	Solid	8015B NM	17901
830-4819-64	New Boring 9- @ 5'	Total/NA	Solid	8015B NM	17901
830-4819-65	New Boring 9- @ 10'	Total/NA	Solid	8015B NM	17901
830-4819-66	New Boring 9- @ 15'	Total/NA	Solid	8015B NM	17901
830-4819-67	New Boring 9- @ 20'	Total/NA	Solid	8015B NM	17901
830-4819-68	New Boring 9- @ 25'	Total/NA	Solid	8015B NM	17901
830-4819-70	New Boring 9- @ 40'	Total/NA	Solid	8015B NM	17901
830-4819-71	New Boring 9- @ 50'	Total/NA	Solid	8015B NM	17901
830-4819-73	New Boring 10- @ 3 '	Total/NA	Solid	8015B NM	17901
830-4819-74	New Boring 10- @ 5 '	Total/NA	Solid	8015B NM	17901
830-4819-75	New Boring 10- @ 10 '	Total/NA	Solid	8015B NM	17901
830-4819-76	New Boring 10- @ 15 '	Total/NA	Solid	8015B NM	17901
830-4819-77	New Boring 10- @ 20 '	Total/NA	Solid	8015B NM	17901
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	8015B NM	17901
830-4819-82	New Boring 10- @ 60 '	Total/NA	Solid	8015B NM	17902
830-4819-83	New Boring 10- @ 70 '	Total/NA	Solid	8015B NM	17902
830-4819-84	New Boring 10- @ 80 '	Total/NA	Solid	8015B NM	17902
830-4819-85	New Boring 11- @ 0-1 '	Total/NA	Solid	8015B NM	17902
830-4819-86	New Boring 11- @ 3 '	Total/NA	Solid	8015B NM	17902
830-4819-87	New Boring 11- @ 5 '	Total/NA	Solid	8015B NM	17902
830-4819-88	New Boring 11- @ 10 '	Total/NA	Solid	8015B NM	17902
830-4819-89	New Boring 11- @ 15 '	Total/NA	Solid	8015B NM	17902
830-4819-90	New Boring 11- @ 20 '	Total/NA	Solid	8015B NM	17902
830-4819-91	New Boring 11- @ 25'	Total/NA	Solid	8015B NM	17902
830-4819-92	New Boring 11- @ 30'	Total/NA	Solid	8015B NM	17902
830-4819-93	New Boring 11- @ 40'	Total/NA	Solid	8015B NM	17902
830-4819-94	New Boring 11- @ 50'	Total/NA	Solid	8015B NM	17902
830-4819-95	Confirmation Boring 3 @ 0-1'	Total/NA	Solid	8015B NM	17902
830-4819-96	Confirmation Boring 3 @ 3'	Total/NA	Solid	8015B NM	17902
830-4819-97	Confirmation Boring 3 @ 5'	Total/NA	Solid	8015B NM	17902
830-4819-98	Confirmation Boring 2@ 0-1'	Total/NA	Solid	8015B NM	17902
830-4819-99	Confirmation Boring 2 @ 3'	Total/NA	Solid	8015B NM	17902
830-4819-100	Confirmation Boring 2 @ 5'	Total/NA	Solid	8015B NM	17902
830-4819-101	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	8015B NM	17902
830-4819-102	Confirmation Boring 1 @ 3'	Total/NA	Solid	8015B NM	17903

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Analysis Batch: 17969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-103	Confirmation Boring 1 @ 5'	Total/NA	Solid	8015B NM	17903
830-4819-104	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015B NM	17903
830-4819-105	Confirmation Boring 4 @ 3'	Total/NA	Solid	8015B NM	17903
830-4819-106	Confirmation Boring 4 @ 5'	Total/NA	Solid	8015B NM	17903
830-4819-107	New Boring 1 @ 0-1'	Total/NA	Solid	8015B NM	17903
830-4819-108	New Boring 1 @ -3'	Total/NA	Solid	8015B NM	17903
830-4819-109	New Boring 1 @ -5'	Total/NA	Solid	8015B NM	17903
830-4819-110	New Boring 4 @ 0-1'	Total/NA	Solid	8015B NM	17903
830-4819-111	New Boring 4 @ -3'	Total/NA	Solid	8015B NM	17903
830-4819-112	New Boring 4 @ -5'	Total/NA	Solid	8015B NM	17903
830-4819-113	New Boring 2 @ 0-1'	Total/NA	Solid	8015B NM	17903
830-4819-114	New Boring 2 @ 3'	Total/NA	Solid	8015B NM	17903
830-4819-115	New Boring 2 @ 5'	Total/NA	Solid	8015B NM	17903
MB 870-17900/3-A	Method Blank	Total/NA	Solid	8015B NM	17900
MB 870-17901/3-A	Method Blank	Total/NA	Solid	8015B NM	17901
MB 870-17902/3-A	Method Blank	Total/NA	Solid	8015B NM	17902
MB 870-17903/3-A	Method Blank	Total/NA	Solid	8015B NM	17903
LCS 870-17900/1-A	Lab Control Sample	Total/NA	Solid	8015B NM	17900
LCS 870-17901/1-A	Lab Control Sample	Total/NA	Solid	8015B NM	17901
LCS 870-17902/1-A	Lab Control Sample	Total/NA	Solid	8015B NM	17902
LCS 870-17903/1-A	Lab Control Sample	Total/NA	Solid	8015B NM	17903
LCSD 870-17900/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17900
LCSD 870-17901/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17901
LCSD 870-17902/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17902
LCSD 870-17903/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17903
830-4819-49 MS	New Boring 8- @ 10'	Total/NA	Solid	8015B NM	17900
830-4819-49 MSD	New Boring 8- @ 10'	Total/NA	Solid	8015B NM	17900
830-4819-64 MS	New Boring 9- @ 5'	Total/NA	Solid	8015B NM	17901
830-4819-64 MSD	New Boring 9- @ 5'	Total/NA	Solid	8015B NM	17901
830-4819-87 MS	New Boring 11- @ 5 '	Total/NA	Solid	8015B NM	17902
830-4819-87 MSD	New Boring 11- @ 5 '	Total/NA	Solid	8015B NM	17902
830-4819-104 MS	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015B NM	17903
830-4819-104 MSD	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015B NM	17903

Analysis Batch: 17988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-80	New Boring 10- @ 40 '	Total/NA	Solid	8015B NM	17901

Prep Batch: 72722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	8015NM Prep	
MB 880-72722/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-72722/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-72722/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-39032-A-41-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-39032-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 73204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	8015B NM	72722
MB 880-72722/1-A	Method Blank	Total/NA	Solid	8015B NM	72722

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Analysis Batch: 73204 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-72722/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	72722
LCSD 880-72722/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	72722
880-39032-A-41-E MS	Matrix Spike	Total/NA	Solid	8015B NM	72722
880-39032-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	72722

Analysis Batch: 73362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 71868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-11	New Boring - 5 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-21	New Boring - 6 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-36	New Boring 7- @ 0-1'	Soluble	Solid	DI Leach	
830-4819-46	New Boring 8- @ 0-1'	Soluble	Solid	DI Leach	
830-4819-62	New Boring 9- @ 0-1 '	Soluble	Solid	DI Leach	
830-4819-72	New Boring 10- @ 0-1 '	Soluble	Solid	DI Leach	
830-4819-85	New Boring 11- @ 0-1 '	Soluble	Solid	DI Leach	
830-4819-95	Confirmation Boring 3 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-98	Confirmation Boring 2@ 0-1'	Soluble	Solid	DI Leach	
830-4819-101	Confirmation Boring 1 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-104	Confirmation Boring 4@ 0-1'	Soluble	Solid	DI Leach	
830-4819-107	New Boring 1 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-110	New Boring 4 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-113	New Boring 2 @ 0-1'	Soluble	Solid	DI Leach	
MB 880-71868/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71868/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71868/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
830-4819-1 MS	New Boring - 3 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-1 MSD	New Boring - 3 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-101 MS	Confirmation Boring 1 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-101 MSD	Confirmation Boring 1 @ 0-1'	Soluble	Solid	DI Leach	

Analysis Batch: 72019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-11	New Boring - 5 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-21	New Boring - 6 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-36	New Boring 7- @ 0-1'	Soluble	Solid	300.0	71868
830-4819-46	New Boring 8- @ 0-1'	Soluble	Solid	300.0	71868
830-4819-62	New Boring 9- @ 0-1 '	Soluble	Solid	300.0	71868
830-4819-72	New Boring 10- @ 0-1 '	Soluble	Solid	300.0	71868
830-4819-85	New Boring 11- @ 0-1 '	Soluble	Solid	300.0	71868
830-4819-95	Confirmation Boring 3 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-98	Confirmation Boring 2@ 0-1'	Soluble	Solid	300.0	71868
830-4819-101	Confirmation Boring 1 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-104	Confirmation Boring 4@ 0-1'	Soluble	Solid	300.0	71868
830-4819-107	New Boring 1 @ 0-1'	Soluble	Solid	300.0	71868

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

HPLC/IC (Continued)

Analysis Batch: 72019 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-110	New Boring 4 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-113	New Boring 2 @ 0-1'	Soluble	Solid	300.0	71868
MB 880-71868/1-A	Method Blank	Soluble	Solid	300.0	71868
LCS 880-71868/2-A	Lab Control Sample	Soluble	Solid	300.0	71868
LCSD 880-71868/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71868
830-4819-1 MS	New Boring - 3 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-1 MSD	New Boring - 3 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-101 MS	Confirmation Boring 1 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-101 MSD	Confirmation Boring 1 @ 0-1'	Soluble	Solid	300.0	71868

Leach Batch: 73445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-99	Confirmation Boring 2 @ 3'	Soluble	Solid	DI Leach	
MB 880-73445/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-73445/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-73445/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-12096-A-3-C MS	Matrix Spike	Soluble	Solid	DI Leach	
820-12096-A-3-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 73456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-99	Confirmation Boring 2 @ 3'	Soluble	Solid	300.0	73445
MB 880-73445/1-A	Method Blank	Soluble	Solid	300.0	73445
LCS 880-73445/2-A	Lab Control Sample	Soluble	Solid	300.0	73445
LCSD 880-73445/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	73445
820-12096-A-3-C MS	Matrix Spike	Soluble	Solid	300.0	73445
820-12096-A-3-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	73445

Leach Batch: 73606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-100	Confirmation Boring 2 @ 5'	Soluble	Solid	DI Leach	
MB 880-73606/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-73606/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-73606/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-39568-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-39568-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 73655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-100	Confirmation Boring 2 @ 5'	Soluble	Solid	300.0	73606
MB 880-73606/1-A	Method Blank	Soluble	Solid	300.0	73606
LCS 880-73606/2-A	Lab Control Sample	Soluble	Solid	300.0	73606
LCSD 880-73606/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	73606
880-39568-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	73606
880-39568-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	73606

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 0-1'

Lab Sample ID: 830-4819-1
Matrix: Solid
Date Collected: 01/22/24 09:16
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 04:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 04:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 14:18	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 14:18	WP	EET DAL
Soluble	Leach	DI Leach			5.03 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	01/31/24 19:34	CH	EET MID

Client Sample ID: New Boring - 3 @ 3'

Lab Sample ID: 830-4819-2
Matrix: Solid
Date Collected: 01/22/24 09:19
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 05:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 05:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 15:20	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.9 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 15:20	WP	EET DAL

Client Sample ID: New Boring - 3 @ 5'

Lab Sample ID: 830-4819-3
Matrix: Solid
Date Collected: 01/22/24 09:22
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 05:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 05:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 15:40	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 15:40	WP	EET DAL

Client Sample ID: New Boring - 3 @ 10'

Lab Sample ID: 830-4819-4
Matrix: Solid
Date Collected: 01/22/24 09:28
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 05:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 05:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 16:01	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 16:01	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 15'
Lab Sample ID: 830-4819-5
Date Collected: 01/22/24 09:34
Matrix: Solid
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 06:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 06:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 16:22	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 16:22	WP	EET DAL

Client Sample ID: New Boring - 3 @ 20'
Lab Sample ID: 830-4819-6
Date Collected: 01/22/24 09:40
Matrix: Solid
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 06:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 06:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 16:42	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 16:42	WP	EET DAL

Client Sample ID: New Boring - 3 @ 25'
Lab Sample ID: 830-4819-7
Date Collected: 01/22/24 09:43
Matrix: Solid
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 06:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 06:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 17:03	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 17:03	WP	EET DAL

Client Sample ID: New Boring - 3 @ 30'
Lab Sample ID: 830-4819-8
Date Collected: 01/22/24 09:50
Matrix: Solid
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 07:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 07:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 17:24	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 17:24	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 40'

Lab Sample ID: 830-4819-9
Matrix: Solid
Date Collected: 01/22/24 09:57
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 09:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 09:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 17:45	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 17:45	WP	EET DAL

Client Sample ID: New Boring - 3 @ 50'

Lab Sample ID: 830-4819-10
Matrix: Solid
Date Collected: 01/22/24 10:10
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 09:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 09:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 18:05	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 18:05	WP	EET DAL

Client Sample ID: New Boring - 5 @ 0-1'

Lab Sample ID: 830-4819-11
Matrix: Solid
Date Collected: 01/22/24 10:20
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 11:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 11:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 18:48	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 18:48	WP	EET DAL
Soluble	Leach	DI Leach			4.98 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 20:36	CH	EET MID

Client Sample ID: New Boring - 5 @ 3'

Lab Sample ID: 830-4819-12
Matrix: Solid
Date Collected: 01/22/24 10:29
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 12:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 12:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 19:08	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 19:08	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 5'

Lab Sample ID: 830-4819-13
Matrix: Solid
Date Collected: 01/22/24 10:35
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 12:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 12:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 19:29	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 19:29	WP	EET DAL

Client Sample ID: New Boring - 5 @ 10'

Lab Sample ID: 830-4819-14
Matrix: Solid
Date Collected: 01/22/24 10:41
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 12:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 19:50	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.9 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 19:50	WP	EET DAL

Client Sample ID: New Boring - 5 @ 15'

Lab Sample ID: 830-4819-15
Matrix: Solid
Date Collected: 01/22/24 10:48
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 13:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 13:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 20:11	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 20:11	WP	EET DAL

Client Sample ID: New Boring - 5 @ 20'

Lab Sample ID: 830-4819-16
Matrix: Solid
Date Collected: 01/22/24 10:55
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 13:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 20:32	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 20:32	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 25'

Lab Sample ID: 830-4819-17
Matrix: Solid
Date Collected: 01/22/24 11:05
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 13:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 13:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 20:52	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 20:52	WP	EET DAL

Client Sample ID: New Boring - 5 @ 30'

Lab Sample ID: 830-4819-18
Matrix: Solid
Date Collected: 01/22/24 11:14
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 14:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 14:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 21:13	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 21:13	WP	EET DAL

Client Sample ID: New Boring - 5 @ 40'

Lab Sample ID: 830-4819-19
Matrix: Solid
Date Collected: 01/22/24 11:30
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 14:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 14:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 21:34	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 21:34	WP	EET DAL

Client Sample ID: New Boring - 5 @ 50'

Lab Sample ID: 830-4819-20
Matrix: Solid
Date Collected: 01/22/24 11:45
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 14:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 14:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 21:55	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 21:55	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 0-1'

Lab Sample ID: 830-4819-21
Matrix: Solid
Date Collected: 01/22/24 12:55
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 12:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 03:31	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 03:31	WP	EET DAL
Soluble	Leach	DI Leach			4.96 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 20:43	CH	EET MID

Client Sample ID: New Boring - 6 @ 3'

Lab Sample ID: 830-4819-22
Matrix: Solid
Date Collected: 01/22/24 13:00
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 13:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 13:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 04:33	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 04:33	WP	EET DAL

Client Sample ID: New Boring - 6 @ 5'

Lab Sample ID: 830-4819-23
Matrix: Solid
Date Collected: 01/22/24 13:05
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 13:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 13:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 04:53	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 04:53	WP	EET DAL

Client Sample ID: New Boring - 6 @ 10'

Lab Sample ID: 830-4819-24
Matrix: Solid
Date Collected: 01/22/24 13:10
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 14:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 14:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 05:14	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 05:14	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 15'

Lab Sample ID: 830-4819-25
Matrix: Solid
Date Collected: 01/22/24 13:17
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 14:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 14:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 05:35	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 05:35	WP	EET DAL

Client Sample ID: New Boring - 6 @ 20'

Lab Sample ID: 830-4819-26
Matrix: Solid
Date Collected: 01/22/24 13:22
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/04/24 15:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 15:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 05:55	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.9 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 05:55	WP	EET DAL

Client Sample ID: New Boring - 6 @ 25'

Lab Sample ID: 830-4819-27
Matrix: Solid
Date Collected: 01/22/24 13:27
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/04/24 16:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 16:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 06:16	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 06:16	WP	EET DAL

Client Sample ID: New Boring - 6 @ 30'

Lab Sample ID: 830-4819-28
Matrix: Solid
Date Collected: 01/22/24 13:32
Date Received: 01/25/24 13:43

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	72114	02/05/24 10:00	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	72316	02/05/24 14:29	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/04/24 16:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 14:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 06:37	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 06:37	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 40'
Lab Sample ID: 830-4819-29
Date Collected: 01/22/24 13:39
Matrix: Solid
Date Received: 01/25/24 13:43

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	72114	02/05/24 10:00	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	72316	02/05/24 14:49	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 15:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 14:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 06:58	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 06:58	WP	EET DAL

Client Sample ID: New Boring - 6 @ 50'
Lab Sample ID: 830-4819-30
Date Collected: 01/22/24 13:45
Matrix: Solid
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/04/24 16:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 16:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 07:18	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 07:18	WP	EET DAL

Client Sample ID: New Boring - 6 @ 60'
Lab Sample ID: 830-4819-31
Date Collected: 01/22/24 13:56
Matrix: Solid
Date Received: 01/25/24 13:43

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	72114	02/05/24 10:00	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72316	02/05/24 15:10	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 18:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 08:00	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 08:00	WP	EET DAL

Client Sample ID: New Boring - 6 @ 70'
Lab Sample ID: 830-4819-32
Date Collected: 01/22/24 14:22
Matrix: Solid
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/04/24 22:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 22:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 08:20	CC	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 70'

Lab Sample ID: 830-4819-32
Matrix: Solid
Date Collected: 01/22/24 14:22
Date Received: 01/25/24 13:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 08:20	WP	EET DAL

Client Sample ID: New Boring - 6 @ 80'

Lab Sample ID: 830-4819-33
Matrix: Solid
Date Collected: 01/22/24 14:32
Date Received: 01/25/24 13:43

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	72114	02/05/24 10:00	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72316	02/05/24 15:30	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/04/24 22:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 15:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 08:41	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	17633	02/02/24 08:41	WP	EET DAL

Client Sample ID: New Boring - 6 @ 90'

Lab Sample ID: 830-4819-34
Matrix: Solid
Date Collected: 01/22/24 14:39
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 19:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 19:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 09:02	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 09:02	WP	EET DAL

Client Sample ID: New Boring - 6 @ 100'

Lab Sample ID: 830-4819-35
Matrix: Solid
Date Collected: 01/22/24 14:45
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 19:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 19:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 09:22	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 09:22	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 0-1'

Lab Sample ID: 830-4819-36
Matrix: Solid
Date Collected: 01/22/24 15:03
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 19:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 09:43	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 09:43	WP	EET DAL
Soluble	Leach	DI Leach			4.99 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 20:50	CH	EET MID

Client Sample ID: New Boring 7 - @ 3'

Lab Sample ID: 830-4819-37
Matrix: Solid
Date Collected: 01/22/24 15:07
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 20:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 20:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 10:04	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.9 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 10:04	WP	EET DAL

Client Sample ID: New Boring 7- @ 5'

Lab Sample ID: 830-4819-38
Matrix: Solid
Date Collected: 01/22/24 15:10
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 20:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 20:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 10:25	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 10:25	WP	EET DAL

Client Sample ID: New Boring 7- @ 10'

Lab Sample ID: 830-4819-39
Matrix: Solid
Date Collected: 01/22/24 15:13
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 21:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 21:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 10:45	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 10:45	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 15'

Lab Sample ID: 830-4819-40
Matrix: Solid
Date Collected: 01/22/24 15:17
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 21:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 21:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 11:06	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 11:06	WP	EET DAL

Client Sample ID: New Boring 7- @ 20'

Lab Sample ID: 830-4819-41
Matrix: Solid
Date Collected: 01/22/24 15:23
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 20:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 20:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 18:38	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 18:38	WP	EET DAL

Client Sample ID: New Boring 7- @ 25'

Lab Sample ID: 830-4819-42
Matrix: Solid
Date Collected: 01/23/24 08:41
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 20:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 20:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 18:58	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 18:58	WP	EET DAL

Client Sample ID: New Boring 7- @ 30'

Lab Sample ID: 830-4819-43
Matrix: Solid
Date Collected: 01/23/24 08:49
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 21:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 21:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 19:19	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 19:19	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 40'

Lab Sample ID: 830-4819-44
Matrix: Solid
Date Collected: 01/23/24 09:04
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 21:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 21:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 19:40	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 19:40	WP	EET DAL

Client Sample ID: New Boring 7- @ 50'

Lab Sample ID: 830-4819-45
Matrix: Solid
Date Collected: 01/23/24 09:11
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 21:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 21:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 20:00	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 20:00	WP	EET DAL

Client Sample ID: New Boring 8- @ 0-1'

Lab Sample ID: 830-4819-46
Matrix: Solid
Date Collected: 01/23/24 09:22
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 22:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 22:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 21:02	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 21:02	WP	EET DAL
Soluble	Leach	DI Leach			5.04 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 20:56	CH	EET MID

Client Sample ID: New Boring 8- @ 3'

Lab Sample ID: 830-4819-47
Matrix: Solid
Date Collected: 01/23/24 09:26
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 22:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 22:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 20:21	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 20:21	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 5'

Lab Sample ID: 830-4819-48
Matrix: Solid
Date Collected: 01/23/24 09:30
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 22:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 20:41	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 20:41	WP	EET DAL

Client Sample ID: New Boring 8- @ 10'

Lab Sample ID: 830-4819-49
Matrix: Solid
Date Collected: 01/23/24 09:33
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 23:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 23:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 17:36	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 17:36	WP	EET DAL

Client Sample ID: New Boring 8- @ 15'

Lab Sample ID: 830-4819-50
Matrix: Solid
Date Collected: 01/23/24 09:40
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/03/24 23:40	MNR	EET MID
Total/NA	Prep	5035			5.05 g	5 mL	72362	02/05/24 11:33	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	72315	02/06/24 02:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/06/24 02:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 21:23	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 21:23	WP	EET DAL

Client Sample ID: New Boring 8- @ 20'

Lab Sample ID: 830-4819-51
Matrix: Solid
Date Collected: 01/23/24 09:45
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 02:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 02:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 22:04	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 22:04	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 25'

Lab Sample ID: 830-4819-52
Matrix: Solid
Date Collected: 01/23/24 09:55
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 02:26	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	72103	02/02/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	72315	02/05/24 13:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 13:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 22:25	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 22:25	WP	EET DAL

Client Sample ID: New Boring 8- @ 30'

Lab Sample ID: 830-4819-53
Matrix: Solid
Date Collected: 01/23/24 10:05
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 02:47	MNR	EET MID
Total/NA	Prep	5035			5.02 g	5 mL	72103	02/02/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72315	02/05/24 14:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 14:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 22:45	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 22:45	WP	EET DAL

Client Sample ID: New Boring 8- @ 40'

Lab Sample ID: 830-4819-54
Matrix: Solid
Date Collected: 01/23/24 10:18
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 03:07	MNR	EET MID
Total/NA	Prep	5035			5.05 g	5 mL	72103	02/02/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72315	02/05/24 14:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 14:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 23:06	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.9 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	17969	02/03/24 23:06	WP	EET DAL

Client Sample ID: New Boring 8- @ 50'

Lab Sample ID: 830-4819-55
Matrix: Solid
Date Collected: 01/23/24 10:31
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 03:28	MNR	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 50'

Lab Sample ID: 830-4819-55
Matrix: Solid
Date Collected: 01/23/24 10:31
Date Received: 01/25/24 13:43

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	72103	02/02/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72315	02/05/24 14:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 14:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			73362	02/15/24 17:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	72722	02/06/24 11:23	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	73204	02/15/24 17:42	SM	EET MID

Client Sample ID: New Boring 8- @ 60'

Lab Sample ID: 830-4819-56
Matrix: Solid
Date Collected: 01/23/24 10:41
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 03:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 03:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 23:47	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 23:47	WP	EET DAL

Client Sample ID: New Boring 8- @ 70'

Lab Sample ID: 830-4819-57
Matrix: Solid
Date Collected: 01/23/24 10:52
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 01:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 01:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 00:08	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 00:08	WP	EET DAL

Client Sample ID: New Boring 8- @ 80'

Lab Sample ID: 830-4819-58
Matrix: Solid
Date Collected: 01/23/24 10:58
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 04:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 00:28	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 00:28	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 90'

Lab Sample ID: 830-4819-59
Matrix: Solid
Date Collected: 01/23/24 11:06
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 01:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 01:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 00:49	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 00:49	WP	EET DAL

Client Sample ID: New Boring 8- @ 100'

Lab Sample ID: 830-4819-60
Matrix: Solid
Date Collected: 01/23/24 11:12
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 01:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 01:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 01:10	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 01:10	WP	EET DAL

Client Sample ID: TB-01-23-24-01

Lab Sample ID: 830-4819-61
Matrix: Water
Date Collected: 01/23/24 00:00
Date Received: 01/25/24 13:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/30/24 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	01/30/24 13:11	SM	EET MID

Client Sample ID: New Boring 9- @ 0-1 '

Lab Sample ID: 830-4819-62
Matrix: Solid
Date Collected: 01/23/24 12:40
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 17:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 03:55	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 03:55	WP	EET DAL
Soluble	Leach	DI Leach			5.05 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 21:16	CH	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 3'

Lab Sample ID: 830-4819-63
Matrix: Solid
Date Collected: 01/23/24 12:45
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 18:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 04:16	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 04:16	WP	EET DAL

Client Sample ID: New Boring 9- @ 5'

Lab Sample ID: 830-4819-64
Matrix: Solid
Date Collected: 01/23/24 12:50
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 18:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 18:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 02:53	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 02:53	WP	EET DAL

Client Sample ID: New Boring 9- @ 10'

Lab Sample ID: 830-4819-65
Matrix: Solid
Date Collected: 01/23/24 12:55
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 18:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 18:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 04:36	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 04:36	WP	EET DAL

Client Sample ID: New Boring 9- @ 15'

Lab Sample ID: 830-4819-66
Matrix: Solid
Date Collected: 01/23/24 13:00
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 19:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 19:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 04:57	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 04:57	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 20'

Lab Sample ID: 830-4819-67
Matrix: Solid
Date Collected: 01/23/24 13:07
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 19:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 19:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 05:18	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 05:18	WP	EET DAL

Client Sample ID: New Boring 9- @ 25'

Lab Sample ID: 830-4819-68
Matrix: Solid
Date Collected: 01/23/24 13:15
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 19:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 19:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 05:38	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 05:38	WP	EET DAL

Client Sample ID: New Boring 9- @ 30'

Lab Sample ID: 830-4819-69
Matrix: Solid
Date Collected: 01/23/24 13:20
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 20:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 20:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/09/24 14:41	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17932	02/09/24 14:41	WP	EET DAL

Client Sample ID: New Boring 9- @ 40'

Lab Sample ID: 830-4819-70
Matrix: Solid
Date Collected: 01/23/24 13:30
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 20:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 20:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 06:20	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 06:20	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 50'

Lab Sample ID: 830-4819-71
Matrix: Solid
Date Collected: 01/23/24 13:40
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 20:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 20:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 06:40	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 06:40	WP	EET DAL

Client Sample ID: New Boring 10- @ 0-1 '

Lab Sample ID: 830-4819-72
Matrix: Solid
Date Collected: 01/23/24 13:45
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 22:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 22:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/09/24 15:02	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17932	02/09/24 15:02	WP	EET DAL
Soluble	Leach	DI Leach			5.05 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 21:23	CH	EET MID

Client Sample ID: New Boring 10- @ 3 '

Lab Sample ID: 830-4819-73
Matrix: Solid
Date Collected: 01/23/24 13:51
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 22:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 22:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 07:42	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 07:42	WP	EET DAL

Client Sample ID: New Boring 10- @ 5 '

Lab Sample ID: 830-4819-74
Matrix: Solid
Date Collected: 01/23/24 13:55
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 22:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 22:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 08:03	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 08:03	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 10 '

Lab Sample ID: 830-4819-75
Matrix: Solid
Date Collected: 01/23/24 14:01
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 23:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 23:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 08:23	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 08:23	WP	EET DAL

Client Sample ID: New Boring 10- @ 15 '

Lab Sample ID: 830-4819-76
Matrix: Solid
Date Collected: 01/23/24 14:05
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 23:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 23:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 08:44	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 08:44	WP	EET DAL

Client Sample ID: New Boring 10- @ 20 '

Lab Sample ID: 830-4819-77
Matrix: Solid
Date Collected: 01/23/24 14:10
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/05/24 00:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 00:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 09:05	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 09:05	WP	EET DAL

Client Sample ID: New Boring 10- @ 25 '

Lab Sample ID: 830-4819-78
Matrix: Solid
Date Collected: 01/23/24 14:19
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/05/24 01:18	MNR	EET MID
Total/NA	Prep	5035			4.98 g	5 mL	72103	02/02/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	72315	02/05/24 13:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 13:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/09/24 15:44	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17932	02/09/24 15:44	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 30 '
Lab Sample ID: 830-4819-79
Date Collected: 01/23/24 14:22
Matrix: Solid
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 23:56	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	72103	02/02/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	72315	02/05/24 13:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 13:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 09:46	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 09:46	WP	EET DAL

Client Sample ID: New Boring 10- @ 40 '
Lab Sample ID: 830-4819-80
Date Collected: 01/23/24 14:27
Matrix: Solid
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/05/24 00:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 00:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/13/24 16:55	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17988	02/13/24 16:55	WP	EET DAL

Client Sample ID: New Boring 10- @ 50 '
Lab Sample ID: 830-4819-81
Date Collected: 01/23/24 14:33
Matrix: Solid
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 19:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 19:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/09/24 16:28	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17932	02/09/24 16:28	WP	EET DAL

Client Sample ID: New Boring 10- @ 60 '
Lab Sample ID: 830-4819-82
Date Collected: 01/23/24 14:37
Matrix: Solid
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 20:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 20:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 13:13	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 13:13	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 70 '

Lab Sample ID: 830-4819-83
Matrix: Solid
Date Collected: 01/23/24 14:40
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 20:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 20:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 13:34	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 13:34	WP	EET DAL

Client Sample ID: New Boring 10- @ 80 '

Lab Sample ID: 830-4819-84
Matrix: Solid
Date Collected: 01/23/24 14:48
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 20:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 20:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 13:54	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 13:54	WP	EET DAL

Client Sample ID: New Boring 11- @ 0-1 '

Lab Sample ID: 830-4819-85
Matrix: Solid
Date Collected: 01/23/24 15:10
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 21:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 21:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 14:15	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 14:15	WP	EET DAL
Soluble	Leach	DI Leach			5.01 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 21:29	CH	EET MID

Client Sample ID: New Boring 11- @ 3 '

Lab Sample ID: 830-4819-86
Matrix: Solid
Date Collected: 01/23/24 15:15
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 21:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 21:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 14:36	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 14:36	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 5 '

Lab Sample ID: 830-4819-87
Matrix: Solid
Date Collected: 01/23/24 15:20
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 22:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 22:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 12:11	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 12:11	WP	EET DAL

Client Sample ID: New Boring 11- @ 10 '

Lab Sample ID: 830-4819-88
Matrix: Solid
Date Collected: 01/23/24 15:30
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 22:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 22:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 14:57	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 14:57	WP	EET DAL

Client Sample ID: New Boring 11- @ 15 '

Lab Sample ID: 830-4819-89
Matrix: Solid
Date Collected: 01/23/24 15:35
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 23:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 23:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 15:18	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 15:18	WP	EET DAL

Client Sample ID: New Boring 11- @ 20 '

Lab Sample ID: 830-4819-90
Matrix: Solid
Date Collected: 01/23/24 15:40
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 23:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 23:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 15:38	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 15:38	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 25'

Lab Sample ID: 830-4819-91
Matrix: Solid
Date Collected: 01/23/24 15:48
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 01:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 01:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 15:59	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 15:59	WP	EET DAL

Client Sample ID: New Boring 11- @ 30'

Lab Sample ID: 830-4819-92
Matrix: Solid
Date Collected: 01/23/24 15:55
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 01:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 01:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 16:40	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 16:40	WP	EET DAL

Client Sample ID: New Boring 11- @ 40'

Lab Sample ID: 830-4819-93
Matrix: Solid
Date Collected: 01/23/24 16:05
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 02:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 02:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 17:01	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 17:01	WP	EET DAL

Client Sample ID: New Boring 11- @ 50'

Lab Sample ID: 830-4819-94
Matrix: Solid
Date Collected: 01/23/24 16:15
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 02:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 02:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 17:22	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 17:22	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 3 @ 0-1'

Lab Sample ID: 830-4819-95
Matrix: Solid
Date Collected: 01/22/24 12:00
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/03/24 04:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 04:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 17:43	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	17969	02/04/24 17:43	WP	EET DAL
Soluble	Leach	DI Leach			5.00 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 21:36	CH	EET MID

Client Sample ID: Confirmation Boring 3 @ 3'

Lab Sample ID: 830-4819-96
Matrix: Solid
Date Collected: 01/22/24 12:05
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 03:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 03:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 18:03	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 18:03	WP	EET DAL

Client Sample ID: Confirmation Boring 3 @ 5'

Lab Sample ID: 830-4819-97
Matrix: Solid
Date Collected: 01/22/24 12:10
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 03:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 03:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 18:24	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	17969	02/04/24 18:24	WP	EET DAL

Client Sample ID: Confirmation Boring 2@ 0-1'

Lab Sample ID: 830-4819-98
Matrix: Solid
Date Collected: 01/22/24 12:15
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/03/24 04:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 04:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 18:45	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 18:45	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 2@ 0-1'

Lab Sample ID: 830-4819-98
Matrix: Solid
Date Collected: 01/22/24 12:15
Date Received: 01/25/24 13:43

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	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 21:42	CH	EET MID

Client Sample ID: Confirmation Boring 2 @ 3'

Lab Sample ID: 830-4819-99
Matrix: Solid
Date Collected: 01/22/24 12:20
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 03:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 03:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 19:05	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 19:05	WP	EET DAL
Soluble	Leach	DI Leach			5.00 g	50 mL	73445	02/19/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73456	02/19/24 14:52	SMC	EET MID

Client Sample ID: Confirmation Boring 2 @ 5'

Lab Sample ID: 830-4819-100
Matrix: Solid
Date Collected: 01/22/24 12:25
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/03/24 05:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 05:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 19:26	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 19:26	WP	EET DAL
Soluble	Leach	DI Leach			4.97 g	50 mL	73606	02/20/24 16:29	SA	EET MID
Soluble	Analysis	300.0		1			73655	02/20/24 17:06	CH	EET MID

Client Sample ID: Confirmation Boring 1 @ 0-1'

Lab Sample ID: 830-4819-101
Matrix: Solid
Date Collected: 01/22/24 12:30
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 07:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 07:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 19:47	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 19:47	WP	EET DAL
Soluble	Leach	DI Leach			4.97 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 21:49	CH	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 1 @ 3'

Lab Sample ID: 830-4819-102
Matrix: Solid
Date Collected: 01/22/24 12:35
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 07:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 07:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 22:32	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 22:32	WP	EET DAL

Client Sample ID: Confirmation Boring 1 @ 5'

Lab Sample ID: 830-4819-103
Matrix: Solid
Date Collected: 01/22/24 12:40
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 10:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 10:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 22:53	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 22:53	WP	EET DAL

Client Sample ID: Confirmation Boring 4@ 0-1'

Lab Sample ID: 830-4819-104
Matrix: Solid
Date Collected: 01/22/24 15:50
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 07:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 07:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 21:30	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 21:30	WP	EET DAL
Soluble	Leach	DI Leach			4.95 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 22:09	CH	EET MID

Client Sample ID: Confirmation Boring 4 @ 3'

Lab Sample ID: 830-4819-105
Matrix: Solid
Date Collected: 01/22/24 15:05
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 08:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 08:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 23:13	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 23:13	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 4 @ 5'

Lab Sample ID: 830-4819-106
Date Collected: 01/22/24 16:00
Matrix: Solid
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 08:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 08:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 23:34	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 23:34	WP	EET DAL

Client Sample ID: New Boring 1 @ 0-1'

Lab Sample ID: 830-4819-107
Date Collected: 01/23/24 07:03
Matrix: Solid
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 08:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 08:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 23:55	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 23:55	WP	EET DAL
Soluble	Leach	DI Leach			4.96 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 22:15	CH	EET MID

Client Sample ID: New Boring 1 @ -3'

Lab Sample ID: 830-4819-108
Date Collected: 01/23/24 07:07
Matrix: Solid
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 09:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 09:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 00:15	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 00:15	WP	EET DAL

Client Sample ID: New Boring 1 @ -5'

Lab Sample ID: 830-4819-109
Date Collected: 01/23/24 07:10
Matrix: Solid
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 09:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 09:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 00:36	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 00:36	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 4 @ 0-1'
Lab Sample ID: 830-4819-110
Date Collected: 01/23/24 07:18
Matrix: Solid
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 09:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 09:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 00:57	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 00:57	WP	EET DAL
Soluble	Leach	DI Leach			5.01 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 22:35	CH	EET MID

Client Sample ID: New Boring 4 @ -3'
Lab Sample ID: 830-4819-111
Date Collected: 01/23/24 07:23
Matrix: Solid
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 11:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 11:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 01:17	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 01:17	WP	EET DAL

Client Sample ID: New Boring 4 @ -5'
Lab Sample ID: 830-4819-112
Date Collected: 01/23/24 07:29
Matrix: Solid
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 12:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 12:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 01:59	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 01:59	WP	EET DAL

Client Sample ID: New Boring 2 @ 0-1'
Lab Sample ID: 830-4819-113
Date Collected: 01/23/24 07:33
Matrix: Solid
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 12:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 12:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 02:19	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 02:19	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 2 @ 0-1'
Lab Sample ID: 830-4819-113
Date Collected: 01/23/24 07:33
Matrix: Solid
Date Received: 01/25/24 13:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 22:41	CH	EET MID

Client Sample ID: New Boring 2 @ 3'
Lab Sample ID: 830-4819-114
Date Collected: 01/23/24 07:37
Matrix: Solid
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 12:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 12:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 02:40	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 02:40	WP	EET DAL

Client Sample ID: New Boring 2 @ 5'
Lab Sample ID: 830-4819-115
Date Collected: 01/23/24 07:41
Matrix: Solid
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 13:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 13:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 03:01	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 03:01	WP	EET DAL

Client Sample ID: TB-01-23-24--02
Lab Sample ID: 830-4819-116
Date Collected: 01/23/24 00:00
Matrix: Water
Date Received: 01/25/24 13:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	72315	02/06/24 09:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/06/24 09:38	SM	EET MID

Laboratory References:
EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Laboratory: Eurofins Dallas

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	T104704295-23-34	06-30-24

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	T104704400-23-26	06-30-24

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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX
Total BTEX		Water	Total BTEX

Method Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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 DAL
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET DAL
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030B	Purge and Trap	SW846	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET DAL
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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-4819-1	New Boring - 3 @ 0-1'	Solid	01/22/24 09:16	01/25/24 13:43
830-4819-2	New Boring - 3 @ 3'	Solid	01/22/24 09:19	01/25/24 13:43
830-4819-3	New Boring - 3 @ 5'	Solid	01/22/24 09:22	01/25/24 13:43
830-4819-4	New Boring - 3 @ 10'	Solid	01/22/24 09:28	01/25/24 13:43
830-4819-5	New Boring - 3 @ 15'	Solid	01/22/24 09:34	01/25/24 13:43
830-4819-6	New Boring - 3 @ 20'	Solid	01/22/24 09:40	01/25/24 13:43
830-4819-7	New Boring - 3 @ 25'	Solid	01/22/24 09:43	01/25/24 13:43
830-4819-8	New Boring - 3 @ 30'	Solid	01/22/24 09:50	01/25/24 13:43
830-4819-9	New Boring - 3 @ 40'	Solid	01/22/24 09:57	01/25/24 13:43
830-4819-10	New Boring - 3 @ 50'	Solid	01/22/24 10:10	01/25/24 13:43
830-4819-11	New Boring - 5 @ 0-1'	Solid	01/22/24 10:20	01/25/24 13:43
830-4819-12	New Boring - 5 @ 3'	Solid	01/22/24 10:29	01/25/24 13:43
830-4819-13	New Boring - 5 @ 5'	Solid	01/22/24 10:35	01/25/24 13:43
830-4819-14	New Boring - 5 @ 10'	Solid	01/22/24 10:41	01/25/24 13:43
830-4819-15	New Boring - 5 @ 15'	Solid	01/22/24 10:48	01/25/24 13:43
830-4819-16	New Boring - 5 @ 20'	Solid	01/22/24 10:55	01/25/24 13:43
830-4819-17	New Boring - 5 @ 25'	Solid	01/22/24 11:05	01/25/24 13:43
830-4819-18	New Boring - 5 @ 30'	Solid	01/22/24 11:14	01/25/24 13:43
830-4819-19	New Boring - 5 @ 40'	Solid	01/22/24 11:30	01/25/24 13:43
830-4819-20	New Boring - 5 @ 50'	Solid	01/22/24 11:45	01/25/24 13:43
830-4819-21	New Boring - 6 @ 0-1'	Solid	01/22/24 12:55	01/25/24 13:43
830-4819-22	New Boring - 6 @ 3'	Solid	01/22/24 13:00	01/25/24 13:43
830-4819-23	New Boring - 6 @ 5'	Solid	01/22/24 13:05	01/25/24 13:43
830-4819-24	New Boring - 6 @ 10'	Solid	01/22/24 13:10	01/25/24 13:43
830-4819-25	New Boring - 6 @ 15'	Solid	01/22/24 13:17	01/25/24 13:43
830-4819-26	New Boring - 6 @ 20'	Solid	01/22/24 13:22	01/25/24 13:43
830-4819-27	New Boring - 6 @ 25'	Solid	01/22/24 13:27	01/25/24 13:43
830-4819-28	New Boring - 6 @ 30'	Solid	01/22/24 13:32	01/25/24 13:43
830-4819-29	New Boring - 6 @ 40'	Solid	01/22/24 13:39	01/25/24 13:43
830-4819-30	New Boring - 6 @ 50'	Solid	01/22/24 13:45	01/25/24 13:43
830-4819-31	New Boring - 6 @ 60'	Solid	01/22/24 13:56	01/25/24 13:43
830-4819-32	New Boring - 6 @ 70'	Solid	01/22/24 14:22	01/25/24 13:43
830-4819-33	New Boring - 6 @ 80'	Solid	01/22/24 14:32	01/25/24 13:43
830-4819-34	New Boring - 6 @ 90'	Solid	01/22/24 14:39	01/25/24 13:43
830-4819-35	New Boring - 6 @ 100'	Solid	01/22/24 14:45	01/25/24 13:43
830-4819-36	New Boring 7- @ 0-1'	Solid	01/22/24 15:03	01/25/24 13:43
830-4819-37	New Boring 7 - @ 3'	Solid	01/22/24 15:07	01/25/24 13:43
830-4819-38	New Boring 7- @ 5'	Solid	01/22/24 15:10	01/25/24 13:43
830-4819-39	New Boring 7- @ 10'	Solid	01/22/24 15:13	01/25/24 13:43
830-4819-40	New Boring 7- @ 15'	Solid	01/22/24 15:17	01/25/24 13:43
830-4819-41	New Boring 7- @ 20'	Solid	01/22/24 15:23	01/25/24 13:43
830-4819-42	New Boring 7- @ 25'	Solid	01/23/24 08:41	01/25/24 13:43
830-4819-43	New Boring 7- @ 30'	Solid	01/23/24 08:49	01/25/24 13:43
830-4819-44	New Boring 7- @ 40'	Solid	01/23/24 09:04	01/25/24 13:43
830-4819-45	New Boring 7- @ 50'	Solid	01/23/24 09:11	01/25/24 13:43
830-4819-46	New Boring 8- @ 0-1'	Solid	01/23/24 09:22	01/25/24 13:43
830-4819-47	New Boring 8- @ 3'	Solid	01/23/24 09:26	01/25/24 13:43
830-4819-48	New Boring 8- @ 5'	Solid	01/23/24 09:30	01/25/24 13:43
830-4819-49	New Boring 8- @ 10'	Solid	01/23/24 09:33	01/25/24 13:43
830-4819-50	New Boring 8- @ 15'	Solid	01/23/24 09:40	01/25/24 13:43
830-4819-51	New Boring 8- @ 20'	Solid	01/23/24 09:45	01/25/24 13:43
830-4819-52	New Boring 8- @ 25'	Solid	01/23/24 09:55	01/25/24 13:43
830-4819-53	New Boring 8- @ 30'	Solid	01/23/24 10:05	01/25/24 13:43
830-4819-54	New Boring 8- @ 40'	Solid	01/23/24 10:18	01/25/24 13:43

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-4819-55	New Boring 8- @ 50'	Solid	01/23/24 10:31	01/25/24 13:43
830-4819-56	New Boring 8- @ 60'	Solid	01/23/24 10:41	01/25/24 13:43
830-4819-57	New Boring 8- @ 70'	Solid	01/23/24 10:52	01/25/24 13:43
830-4819-58	New Boring 8- @ 80'	Solid	01/23/24 10:58	01/25/24 13:43
830-4819-59	New Boring 8- @ 90'	Solid	01/23/24 11:06	01/25/24 13:43
830-4819-60	New Boring 8- @ 100'	Solid	01/23/24 11:12	01/25/24 13:43
830-4819-61	TB-01-23-24-01	Water	01/23/24 00:00	01/25/24 13:43
830-4819-62	New Boring 9- @ 0-1 '	Solid	01/23/24 12:40	01/25/24 13:43
830-4819-63	New Boring 9- @ 3'	Solid	01/23/24 12:45	01/25/24 13:43
830-4819-64	New Boring 9- @ 5'	Solid	01/23/24 12:50	01/25/24 13:43
830-4819-65	New Boring 9- @ 10'	Solid	01/23/24 12:55	01/25/24 13:43
830-4819-66	New Boring 9- @ 15'	Solid	01/23/24 13:00	01/25/24 13:43
830-4819-67	New Boring 9- @ 20'	Solid	01/23/24 13:07	01/25/24 13:43
830-4819-68	New Boring 9- @ 25'	Solid	01/23/24 13:15	01/25/24 13:43
830-4819-69	New Boring 9- @ 30'	Solid	01/23/24 13:20	01/25/24 13:43
830-4819-70	New Boring 9- @ 40'	Solid	01/23/24 13:30	01/25/24 13:43
830-4819-71	New Boring 9- @ 50'	Solid	01/23/24 13:40	01/25/24 13:43
830-4819-72	New Boring 10- @ 0-1 '	Solid	01/23/24 13:45	01/25/24 13:43
830-4819-73	New Boring 10- @ 3 '	Solid	01/23/24 13:51	01/25/24 13:43
830-4819-74	New Boring 10- @ 5 '	Solid	01/23/24 13:55	01/25/24 13:43
830-4819-75	New Boring 10- @ 10 '	Solid	01/23/24 14:01	01/25/24 13:43
830-4819-76	New Boring 10- @ 15 '	Solid	01/23/24 14:05	01/25/24 13:43
830-4819-77	New Boring 10- @ 20 '	Solid	01/23/24 14:10	01/25/24 13:43
830-4819-78	New Boring 10- @ 25 '	Solid	01/23/24 14:19	01/25/24 13:43
830-4819-79	New Boring 10- @ 30 '	Solid	01/23/24 14:22	01/25/24 13:43
830-4819-80	New Boring 10- @ 40 '	Solid	01/23/24 14:27	01/25/24 13:43
830-4819-81	New Boring 10- @ 50 '	Solid	01/23/24 14:33	01/25/24 13:43
830-4819-82	New Boring 10- @ 60 '	Solid	01/23/24 14:37	01/25/24 13:43
830-4819-83	New Boring 10- @ 70 '	Solid	01/23/24 14:40	01/25/24 13:43
830-4819-84	New Boring 10- @ 80 '	Solid	01/23/24 14:48	01/25/24 13:43
830-4819-85	New Boring 11- @ 0-1 '	Solid	01/23/24 15:10	01/25/24 13:43
830-4819-86	New Boring 11- @ 3 '	Solid	01/23/24 15:15	01/25/24 13:43
830-4819-87	New Boring 11- @ 5 '	Solid	01/23/24 15:20	01/25/24 13:43
830-4819-88	New Boring 11- @ 10 '	Solid	01/23/24 15:30	01/25/24 13:43
830-4819-89	New Boring 11- @ 15 '	Solid	01/23/24 15:35	01/25/24 13:43
830-4819-90	New Boring 11- @ 20 '	Solid	01/23/24 15:40	01/25/24 13:43
830-4819-91	New Boring 11- @ 25'	Solid	01/23/24 15:48	01/25/24 13:43
830-4819-92	New Boring 11- @ 30'	Solid	01/23/24 15:55	01/25/24 13:43
830-4819-93	New Boring 11- @ 40'	Solid	01/23/24 16:05	01/25/24 13:43
830-4819-94	New Boring 11- @ 50'	Solid	01/23/24 16:15	01/25/24 13:43
830-4819-95	Confirmation Boring 3 @ 0-1'	Solid	01/22/24 12:00	01/25/24 13:43
830-4819-96	Confirmation Boring 3 @ 3'	Solid	01/22/24 12:05	01/25/24 13:43
830-4819-97	Confirmation Boring 3 @ 5'	Solid	01/22/24 12:10	01/25/24 13:43
830-4819-98	Confirmation Boring 2@ 0-1'	Solid	01/22/24 12:15	01/25/24 13:43
830-4819-99	Confirmation Boring 2 @ 3'	Solid	01/22/24 12:20	01/25/24 13:43
830-4819-100	Confirmation Boring 2 @ 5'	Solid	01/22/24 12:25	01/25/24 13:43
830-4819-101	Confirmation Boring 1 @ 0-1'	Solid	01/22/24 12:30	01/25/24 13:43
830-4819-102	Confirmation Boring 1 @ 3'	Solid	01/22/24 12:35	01/25/24 13:43
830-4819-103	Confirmation Boring 1 @ 5'	Solid	01/22/24 12:40	01/25/24 13:43
830-4819-104	Confirmation Boring 4@ 0-1'	Solid	01/22/24 15:50	01/25/24 13:43
830-4819-105	Confirmation Boring 4 @ 3'	Solid	01/22/24 15:05	01/25/24 13:43
830-4819-106	Confirmation Boring 4 @ 5'	Solid	01/22/24 16:00	01/25/24 13:43
830-4819-107	New Boring 1 @ 0-1'	Solid	01/23/24 07:03	01/25/24 13:43
830-4819-108	New Boring 1 @ -3'	Solid	01/23/24 07:07	01/25/24 13:43

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-4819-109	New Boring 1 @ -5'	Solid	01/23/24 07:10	01/25/24 13:43
830-4819-110	New Boring 4 @ 0-1'	Solid	01/23/24 07:18	01/25/24 13:43
830-4819-111	New Boring 4 @ -3'	Solid	01/23/24 07:23	01/25/24 13:43
830-4819-112	New Boring 4 @ -5'	Solid	01/23/24 07:29	01/25/24 13:43
830-4819-113	New Boring 2 @ 0-1'	Solid	01/23/24 07:33	01/25/24 13:43
830-4819-114	New Boring 2 @ 3'	Solid	01/23/24 07:37	01/25/24 13:43
830-4819-115	New Boring 2 @ 5'	Solid	01/23/24 07:41	01/25/24 13:43
830-4819-116	TB-01-23-24--02	Water	01/23/24 00:00	01/25/24 13:43

Page 371 of 733

eurofins | Environment Testing

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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 1 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

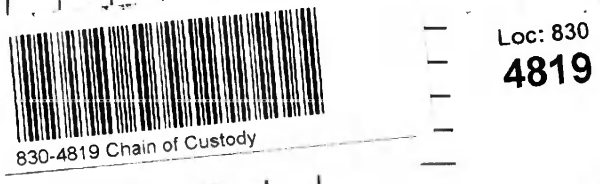
Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nisley	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	IR-2	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.70	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.7	
Total Containers:		Corrected Temperature:	-0.4	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring-3 @ 0-1'	S	1/22/24	0916	0-1'	G	1		X	X	X	
New Boring-3 @ 3'			0919	3'							
New Boring-3 @ 5'			0922	5'							
New Boring-3 @ 10'			0928	10'							
New Boring-3 @ 15'			0934	15'							
New Boring-3 @ 20'			0940	20'							
New Boring-3 @ 25'			0943	25'							
New Boring-3 @ 30'			0950	30'							
New Boring-3 @ 40'	↓	↓	0957	40'	↓	↓		↓	↓		
New Boring-3 @ 50'	S	1/22/24	1010	50'	G	1		X	X		



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 Tl 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 Tl 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)	Date/Time
1 Robert Nisley		1-25-24 13:43	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 9/9/2024 2:12:16 PM
2/22/2024 (Rev. 2)
Page 179 of 210
Released to Imaging: 1/10/2025 10:56:20 AM

Page 372 of 733

eurofins | Environment Testing

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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 2 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr., Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-7607	Email:	jstoffel@trcompanies

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COPBKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COPBKU	Due Date:	
Sampler's Name:	Robert Niehay	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR2
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.0
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride 300	Sample Comments
New Boring-5 @ 0-1'	S	1/22/24	1020	0-1'	G	1		X	X	X	
New Boring-5 @ 3'			1029	3'							
New Boring-5 @ 5'			1035	5'							
New Boring-5 @ 10'			1041	10'							
New Boring-5 @ 15'			1048	15'							
New Boring-5 @ 20'			1055	20'							
New Boring-5 @ 25'			1105	25'							
New Boring-5 @ 30'			1114	30'							
New Boring-5 @ 40'			1130	40'							
New Boring-5 @ 50'	S	1/22/24	1145	50'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Niehay		1-25-24 13:43	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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2/22/2024 (Rev. 2)
Page 180 of 210
Released to Imaging: 1/10/2025 10:56:20 AM

Page 373 of 733

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 3 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr. Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trcompanies.com

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nichols	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.76
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.7
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes
None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring-6 @ 0-1'	S	1/22/24	1255	0-1'	G	1		X	X	X	
New Boring-6 @ 3'			1300	3'							
New Boring-6 @ 5'			1305	5'							
New Boring-6 @ 10'			1310	10'							
New Boring-6 @ 15'			1317	15'							
New Boring-6 @ 20'			1322	20'							
New Boring-6 @ 25'			1327	25'							
New Boring-6 @ 30'			1332	30'							
New Boring-6 @ 40'			1339	40'							
New Boring-6 @ 50'	S	1/22/24	1345	50'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Nichols		1/25/24 13:40	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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2/22/2024 (Rev. 2)
Page 181 of 210
Released to Imaging: 1/10/2025 10:56:20 AM

Page 374 of 733

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 4 of 14

Project Manager:	Jacob Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr. Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003 Email:	jstoffel@trcompanies.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nichy	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.70
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring - 6 @ 60'	S	1/22/24	1356	60'	G	1		X	X		
New Boring - 6 @ 70'			1422	70'							
New Boring - 6 @ 80'			1432	80'							
New Boring - 6 @ 90'			1439	90'							
New Boring - 6 @ 100'			1445	100'							
New Boring - 7 @ 01'			1503	01'						X	
New Boring - 7 @ 3'			1507	3'							
New Boring - 7 @ 5'			1510	5'							
New Boring - 7 @ 10'			1513	10'							
New Boring 7 @ 15'	S	1/22/24	1517	15'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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1			2		
3			4		
5		1/25-24 13:44	6		

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2/22/2024 (Rev. 2)

Page 182 of 210

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Page 375 of 733

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Chain of Custody

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 5 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr. Suite 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	☒ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP BKU	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Nichols		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR-2
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.0
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring - 7 @ 20'	S	1/22/24	1523	20'	G	1		X	X		
New Boring - 7 @ 25'		1/23/24	0841	25'							
New Boring - 7 @ 30'			0849	30'							
New Boring - 7 @ 40'			0904	40'							
New Boring - 7 @ 50'	S	1/23/24	0911	50'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Nichols		1/25/24 13:49	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

2/22/2024 (Rev. 2)
Page 183 of 210
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Page 376 of 733

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Chain of Custody

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 6 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr. Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trccompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	☑ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP BKU	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Nichols		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring-8@0-1'	S	1/23/24	0922	0-1'	G	1		X	X	X	
New Boring-8@3'			0926	3'							
New Boring-8@5'			0930	5'							
New Boring-8@10'			0933	10'							
New Boring-8@15'			0940	15'							
New Boring-8@20'			0945	20'							
New Boring-8@25'			0955	25'							
New Boring-8@30'			1005	30'							
New Boring-8@40'			1018	40'							
New Boring-8@50'	S	1/23/24	1031	50'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Nichols		1/25/24 13:44	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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2/22/2024 (Rev. 2)
Page 184 of 210
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Page 377 of 733

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 7 of 14

Project Manager:	Jared Staffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr Ste250	Address:	
City, State ZIP:	Austin, TX	City, State ZIP:	
Phone:	432-238-3003 Email:	jstaffel@trcompanies.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nicky	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	(R-1
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.4

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring - 8 @ 60'	S	1/23/24	1041	60'	G	1		X	X		
New Boring - 8 @ 70'			1052	70'							
New Boring - 8 @ 80'			1058	80'							
New Boring - 8 @ 90'			1106	90'							
New Boring - 8 @ 100'	S	1/23/24	1112	100'	G	1		X	X		
TB-01-23-24-01	L	1/23/24	—	—	—	2		X			

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

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 Tl 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 Tl 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)	Date/Time
1 Robert Nicky		1/25/24 13:45	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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2/22/2024 (Rev. 2)

Page 185 of 210

Released to Imaging: 1/10/2025 10:56:20 AM

Page 378 of 733

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Chain of Custody

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 8 of 14

Project Manager:	Jacob Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E Huntland Dr Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-7007	Email:	jstoffel@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP Bku	Turn Around	☑ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP Bku	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Nichy		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.7
Total Containers:		Corrected Temperature:	-0.9

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX	TPH	Chloride E300	Sample Comments
New Boring - 9@ 0-1'	S	1/23/24	1240	0-1'	G	1		X	X	X	
New Boring - 9@ 3'			1245	3'							
New Boring - 9@ 5'			1250	5'							
New Boring - 9@ 10'			1255	10'							
New Boring - 9@ 15'			1300	15'							
New Boring - 9@ 20'			1307	20'							
New Boring - 9@ 25'			1315	25'							
New Boring - 9@ 30'			1320	30'							
New Boring - 9@ 40'	↓		1330	40'	↓	↓		↓	↓		
New Boring - 9@ 50'	S	1/23/24	1340	50'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Nichy		1/25/24 13:45	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 9/9/2024 2:12:16 PM

2/22/2024 (Rev. 2)

Page 186 of 210

Released to Imaging: 1/10/2025 10:56:20 AM

Page 379 of 733

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 9 of 14

Project Manager:	Jacob Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr Ste250	Address:	
City, State ZIP:	Austin, TX	City, State ZIP:	
Phone:	432-238-2003	Email:	jstoffel@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	☑ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP BKU	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Worley		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR-2
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.10
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.3

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX	TPH	Chloride E300	Sample Comments
New Boring-10@ 0'	S	1/23/24	1345	0-1'	G	1		X	X	X	
New Boring-10@ 3'			1351	3'							
New Boring-10@ 5'			1355	5'							
New Boring-10@ 10'			1401	10'							
New Boring-10@ 15'			1405	15'							
New Boring-10@ 20'			1410	20'							
New Boring-10@ 25'			1419	25'							
New Boring-10@ 30'			1422	30'							
New Boring-10@ 40'	↓	↓	1427	40'	↓	↓		↓	↓	↓	
New Boring-10@ 50'	S	1/23/24	1433	50'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Worley		1/25/24 13:34	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Page 187 of 210
2/22/2024 (Rev. 2)
Released to Imaging: 1/10/2025 10:56:20 AM

Page 380 of 733

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 10 of 14

Project Manager:	Jack Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Drive #450	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3063	Email:	jstoffel@trcsolutions.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Bradley	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	IR-2	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2	
Total Containers:		Corrected Temperature:	-0.4	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2S04: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring-10 @ 60'	S	1/23/24	1437	60	G	1		X	X		
New Boring-10 @ 70'	S	1/23/24	1440	70	G	1		X	X		
New Boring-10 @ 80'	S	1/23/24	1448	80	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Bradley		1/25/24 13:45	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 9/9/2024 2:12:16 PM
2/22/2024 (Rev. 2)
Page 188 of 210
Released to Imaging: 1/10/2025 10:56:20 AM

Page 381 of 733

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Chain of Custody

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E Huntland Dr. Ste 250	Address:	
City, State ZIP:	Austin, TX	City, State ZIP:	
Phone:	432-238-3003 Email:	jstoffel@trcompanies.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Pinkley	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank: (Yes) No	Wet Ice: (Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	IR2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.7
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring-11@ 0-1	S	1/23/24	1510	0-1	G	1		X	X	X	
New Boring-11@ 3'			1515	3							
New Boring-11@ 5'			1520	5							
New Boring-11@ 10'			1530	10							
New Boring-11@ 15'			1535	15							
New Boring-11@ 20'			1540	20							
New Boring-11@ 25'			1548	25							
New Boring-11@ 30'			1555	30							
New Boring-11@ 40'			1605	40							
New Boring-11@ 50'	S	1/23/24	1615	50	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Pinkley		1/25/24 13:46	2		
3			4		
5			6		

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2/22/2024 (Rev. 2)
Page 189 of 210
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Page 382 of 733

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 12 of 14

Project Manager:	Jacob Stoffel	Bill to: (If different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr Ste 250	Address:	
City, State ZIP:	Austin, TX	City, State ZIP:	
Phone:	432-238-3003 Email:	jstoffel@trcompanies.com	

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nirsky	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	ID-7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	0.4

Preservative Codes
None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX	TPH	Chloride E300	Sample Comments
Confirmation Boring-3 @ 0-1'	S	1/22/24	1200	0-1'	G	1		X	X	X	"confirmation boring"
Confirmation Boring-3 @ 3'			1205	3'							
Confirmation Boring-3 @ 5'			1210	5'							
Confirmation Boring-2 @ 0-1'			1215	0-1'						X	
Confirmation Boring-2 @ 3'			1220	3'							
Confirmation Boring-2 @ 5'			1225	5'							
Confirmation Boring-1 @ 0-1'			1230	0-1'						X	
Confirmation Boring-1 @ 3'			1235	3'							
Confirmation Boring-1 @ 5'	S	1/22/24	1240	5'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Nirsky		11/25/24 13:45	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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2/22/2024 (Rev. 2)
Page 190 of 210
Released to Imaging: 1/10/2025 10:56:20 AM

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 13 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr. Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3007 Email:	jstoffel@trcompanies.com	

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	☑ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP BKU	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Nicley		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.7C
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	+2
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes
None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M	Chlorides 4500	Sample Comments
Confirmation Boring-4@0-1'	S	12224	1550	0-1'	G	1	X	X	X	"confirmation boring"
Confirmation Boring-4@3'		12224	1555	3'						
Confirmation Boring-4@5'		12224	1600	5'						
New Confirmation Boring 1@0-1'		12324	0707	0-1'					X	"New" "Hydrocarbo"
New Confirmation Boring 1@3'			0707	3'						
New Confirmation Boring 1@5'			0710	5'						
New Boring 4@0-1'			0718	0-1'					X	"New boring"
New Boring 4@3'			0723	3'						
New Boring 4@5'	S	1/23/24	0729	5'	G	1	X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Nicley		1/25/24 13:45	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Page 191 of 210
2/22/2024 (Rev. 2)
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Page 384 of 733

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Little Rock, AR (501) 224-5060

Work Order No: _____

Page 14 of 14

Project Manager:	Jacob Stoffel	Bill to: (if different)	
Company Name:	IRC	Company Name:	
Address:	505 E Huntland Dr Ste 250	Address:	
City, State ZIP:	Austin, TX	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trccompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nicky	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	IR-2	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2	
Total Containers:		Corrected Temperature:	0.4	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring - 2@0-1'	S	1/23/24	0733	0-1'	G	1		X	X	X	
New Boring - 2@3'	S	1/23/24	0737	3'	G	1		X	X		
New Boring - 2@5'	S	1/23/24	0741	5'	G	1		X	X		
~~TB-01-23-24-01~~	~~L~~	~~1/23/24~~	/	/	/	~~2~~		~~X~~			
TB-01-23-24-02	L	1/23/24	/	/	/	2		X			

ANALYSIS REQUEST

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 Tl 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 Tl 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)	Date/Time
1 Robert Nicky		1/25/24 13:45	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 9/9/2024 2:12:16 PM
2/22/2024 (Rev. 2)
Page 192 of 210
Released to Imaging: 1/10/2025 10:56:20 AM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9074.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 5
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Y - Trizma
	Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
		Preservation Code:								
New Boring - 3 @ 0-1' (830-4819-1)	1/22/24	09:16 Mountain		Solid			X	X	1	
New Boring - 3 @ 3' (830-4819-2)	1/22/24	09:19 Mountain		Solid			X	X	1	
New Boring - 3 @ 5' (830-4819-3)	1/22/24	09:22 Mountain		Solid			X	X	1	
New Boring - 3 @ 10' (830-4819-4)	1/22/24	09:28 Mountain		Solid			X	X	1	
New Boring - 3 @ 15' (830-4819-5)	1/22/24	09:34 Mountain		Solid			X	X	1	
New Boring - 3 @ 20' (830-4819-6)	1/22/24	09:40 Mountain		Solid			X	X	1	
New Boring - 3 @ 25' (830-4819-7)	1/22/24	09:43 Mountain		Solid			X	X	1	
New Boring - 3 @ 30' (830-4819-8)	1/22/24	09:50 Mountain		Solid			X	X	1	
New Boring - 3 @ 40' (830-4819-9)	1/22/24	09:57 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 1/1/24 1025	Company	Received by:	Date/Time: 2/1/24 1025	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Page 385 of 733
Received by OCD: 9/9/2024 2:12:16 PM
2/22/2024 (Rev. 2)
Page 193 of 210
Released to Imaging: 1/10/2025 10:56:20 AM

Page 386 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9074.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 5
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring - 3 @ 50' (830-4819-10)	1/22/24	10:10 Mountain		Solid			X	X	1	
New Boring - 5 @ 0-1' (830-4819-11)	1/22/24	10:20 Mountain		Solid			X	X	1	
New Boring - 5 @ 3' (830-4819-12)	1/22/24	10:29 Mountain		Solid			X	X	1	
New Boring - 5 @ 5' (830-4819-13)	1/22/24	10:35 Mountain		Solid			X	X	1	
New Boring - 5 @ 10' (830-4819-14)	1/22/24	10:41 Mountain		Solid			X	X	1	
New Boring - 5 @ 15' (830-4819-15)	1/22/24	10:48 Mountain		Solid			X	X	1	
New Boring - 5 @ 20' (830-4819-16)	1/22/24	10:55 Mountain		Solid			X	X	1	
New Boring - 5 @ 25' (830-4819-17)	1/22/24	11:05 Mountain		Solid			X	X	1	
New Boring - 5 @ 30' (830-4819-18)	1/22/24	11:14 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by: FedEx	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/1/24 1028 1025	Company	Received by:	Date/Time: 2/1/24 1028 1025	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM
2/22/2024 (Rev. 2)
Page 194 of 210
Released to Imaging: 1/10/2025 10:56:20 AM

Page 387 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9074.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 3 of 5
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
		Preservation Code:								
New Boring - 5 @ 40' (830-4819-19)	1/22/24	11:30 Mountain		Solid			X	X	1	
New Boring - 5 @ 50' (830-4819-20)	1/22/24	11:45 Mountain		Solid			X	X	1	
New Boring - 6 @ 0-1' (830-4819-21)	1/22/24	12:55 Mountain		Solid			X	X	1	
New Boring - 6 @ 3' (830-4819-22)	1/22/24	13:00 Mountain		Solid			X	X	1	
New Boring - 6 @ 5' (830-4819-23)	1/22/24	13:05 Mountain		Solid			X	X	1	
New Boring - 6 @ 10' (830-4819-24)	1/22/24	13:10 Mountain		Solid			X	X	1	
New Boring - 6 @ 15' (830-4819-25)	1/22/24	13:17 Mountain		Solid			X	X	1	
New Boring - 6 @ 20' (830-4819-26)	1/22/24	13:22 Mountain		Solid			X	X	1	
New Boring - 6 @ 25' (830-4819-27)	1/22/24	13:27 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/1/24 1025	Company	Received by:	Date/Time: 2/1/24 1025	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM

Page 195 of 210

2/22/2024 (Rev. 2)

Released to Imaging: 1/10/2025 10:56:20 AM

Page 388 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9074.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 4 of 5
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring - 6 @ 30' (830-4819-28)	1/22/24	13:32 Mountain		Solid			X	X	1	
New Boring - 6 @ 40' (830-4819-29)	1/22/24	13:39 Mountain		Solid			X	X	1	
New Boring - 6 @ 50' (830-4819-30)	1/22/24	13:45 Mountain		Solid			X	X	1	
New Boring - 6 @ 60' (830-4819-31)	1/22/24	13:56 Mountain		Solid			X	X	1	
New Boring - 6 @ 70' (830-4819-32)	1/22/24	14:22 Mountain		Solid			X	X	1	
New Boring - 6 @ 80' (830-4819-33)	1/22/24	14:32 Mountain		Solid			X	X	1	
New Boring - 6 @ 90' (830-4819-34)	1/22/24	14:39 Mountain		Solid			X	X	1	
New Boring - 6 @ 100' (830-4819-35)	1/22/24	14:45 Mountain		Solid			X	X	1	
New Boring 7- @ 0-1' (830-4819-36)	1/22/24	15:03 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company	
Relinquished by: FedEx	Date/Time: 2/1/24 1025	Company	Received by:	Date/Time: 2/1/24 1025	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:
	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM

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Page 389 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9074.5
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 5 of 5
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 7 - @ 3' (830-4819-37)	1/22/24	15:07 Mountain		Solid			X	X	1	
New Boring 7- @ 5' (830-4819-38)	1/22/24	15:10 Mountain		Solid			X	X	1	
New Boring 7- @ 10' (830-4819-39)	1/22/24	15:13 Mountain		Solid			X	X	1	
New Boring 7- @ 15' (830-4819-40)	1/22/24	15:17 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: FedEx ID 2/1	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/1/24 1025	Company	Received by:	Date/Time: 2/1/24 1025	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:
	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM

Page 197 of 210

2/22/2024 (Rev. 2)

Released to Imaging: 1/10/2025 10:56:20 AM

Page 390 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9089.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 7- @ 20' (830-4819-41)	1/22/24	15:23 Mountain		Solid			X	X	1	
New Boring 7- @ 25' (830-4819-42)	1/23/24	08:41 Mountain		Solid			X	X	1	
New Boring 7- @ 30' (830-4819-43)	1/23/24	08:49 Mountain		Solid			X	X	1	
New Boring 7- @ 40' (830-4819-44)	1/23/24	09:04 Mountain		Solid			X	X	1	
New Boring 7- @ 50' (830-4819-45)	1/23/24	09:11 Mountain		Solid			X	X	1	
New Boring 8- @ 0-1' (830-4819-46)	1/23/24	09:22 Mountain		Solid			X	X	1	
New Boring 8- @ 3' (830-4819-47)	1/23/24	09:26 Mountain		Solid			X	X	1	
New Boring 8- @ 5' (830-4819-48)	1/23/24	09:30 Mountain		Solid			X	X	1	
New Boring 8- @ 10' (830-4819-49)	1/23/24	09:33 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/2/24 932	Company	Received by:	Date/Time: 2/2/24 932	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM
Page 198 of 210
2/22/2024 (Rev. 2)
Released to Imaging: 1/10/2025 10:56:20 AM

Page 391 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9089.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 8- @ 15' (830-4819-50)	1/23/24	09:40 Mountain		Solid			X	X	1	
New Boring 8- @ 20' (830-4819-51)	1/23/24	09:45 Mountain		Solid			X	X	1	
New Boring 8- @ 25' (830-4819-52)	1/23/24	09:55 Mountain		Solid			X	X	1	
New Boring 8- @ 30' (830-4819-53)	1/23/24	10:05 Mountain		Solid			X	X	1	
New Boring 8- @ 40' (830-4819-54)	1/23/24	10:18 Mountain		Solid			X	X	1	
New Boring 8- @ 50' (830-4819-55)	1/23/24	10:31 Mountain		Solid			X	X	1	
New Boring 8- @ 60' (830-4819-56)	1/23/24	10:41 Mountain		Solid			X	X	1	
New Boring 8- @ 70' (830-4819-57)	1/23/24	10:52 Mountain		Solid			X	X	1	
New Boring 8- @ 80' (830-4819-58)	1/23/24	10:58 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/2/24 932	Company	Received by:	Date/Time: 2/2/24 932	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM
Page 199 of 210
2/22/2024 (Rev. 2)
Released to Imaging: 1/10/2025 10:56:20 AM

Page 392 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9089.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 3 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 8- @ 90' (830-4819-59)	1/23/24	11:06 Mountain		Solid			X	X	1	
New Boring 8- @ 100' (830-4819-60)	1/23/24	11:12 Mountain		Solid			X	X	1	
New Boring 9- @ 0-1 ' (830-4819-62)	1/23/24	12:40 Mountain		Solid			X	X	1	
New Boring 9- @ 3' (830-4819-63)	1/23/24	12:45 Mountain		Solid			X	X	1	
New Boring 9- @ 5' (830-4819-64)	1/23/24	12:50 Mountain		Solid			X	X	1	
New Boring 9- @ 10' (830-4819-65)	1/23/24	12:55 Mountain		Solid			X	X	1	
New Boring 9- @ 15' (830-4819-66)	1/23/24	13:00 Mountain		Solid			X	X	1	
New Boring 9- @ 20' (830-4819-67)	1/23/24	13:07 Mountain		Solid			X	X	1	
New Boring 9- @ 25' (830-4819-68)	1/23/24	13:15 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/2/24 932	Company	Received by:	Date/Time: 2/2/24 932	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM
Page 200 of 210
2/22/2024 (Rev. 2)
Released to Imaging: 1/10/2025 10:56:20 AM

Page 393 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9089.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 4 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 9- @ 30' (830-4819-69)	1/23/24	13:20 Mountain		Solid			X	X	1	
New Boring 9- @ 40' (830-4819-70)	1/23/24	13:30 Mountain		Solid			X	X	1	
New Boring 9- @ 50' (830-4819-71)	1/23/24	13:40 Mountain		Solid			X	X	1	
New Boring 10- @ 0-1 ' (830-4819-72)	1/23/24	13:45 Mountain		Solid			X	X	1	
New Boring 10- @ 3 ' (830-4819-73)	1/23/24	13:51 Mountain		Solid			X	X	1	
New Boring 10- @ 5 ' (830-4819-74)	1/23/24	13:55 Mountain		Solid			X	X	1	
New Boring 10- @ 10 ' (830-4819-75)	1/23/24	14:01 Mountain		Solid			X	X	1	
New Boring 10- @ 15 ' (830-4819-76)	1/23/24	14:05 Mountain		Solid			X	X	1	
New Boring 10- @ 20 ' (830-4819-77)	1/23/24	14:10 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:		Method of Shipment:	
Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company	
Relinquished by: FedEx	Date/Time: 2/2/24 932	Company	Received by:	Date/Time: 2/2/24 932	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM

Page 201 of 210

2/22/2024 (Rev. 2)

Released to Imaging: 1/10/2025 10:56:20 AM

Page 394 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9089.5
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 5 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 10- @ 25 ' (830-4819-78)	1/23/24	14:19 Mountain		Solid			X	X	1	
New Boring 10- @ 30 ' (830-4819-79)	1/23/24	14:22 Mountain		Solid			X	X	1	
New Boring 10- @ 40 ' (830-4819-80)	1/23/24	14:27 Mountain		Solid			X	X	1	
New Boring 10- @ 50 ' (830-4819-81)	1/23/24	14:33 Mountain		Solid			X	X	1	
Confirmation Boring 1 @ 3' (830-4819-102)	1/22/24	12:35 Mountain		Solid			X	X	1	
Confirmation Boring 1 @ 5' (830-4819-103)	1/22/24	12:40 Mountain		Solid			X	X	1	
Confirmation Boring 4@ 0-1' (830-4819-104)	1/22/24	15:50 Mountain		Solid			X	X	1	
Confirmation Boring 4 @ 3' (830-4819-105)	1/22/24	15:05 Mountain		Solid			X	X	1	
Confirmation Boring 4 @ 5' (830-4819-106)	1/22/24	16:00 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/2/24 932	Company	Received by:	Date/Time: 2/2/24 932	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Page 202 of 210
2/22/2024 (Rev. 2)
Received by OCD: 9/9/2024 2:12:16 PM
Released to Imaging: 1/10/2025 10:56:20 AM

Page 395 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9089.6
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 6 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 1 @ 0-1' (830-4819-107)	1/23/24	07:03 Mountain		Solid			X	X	1	
New Boring 1 @ -3' (830-4819-108)	1/23/24	07:07 Mountain		Solid			X	X	1	
New Boring 1 @ -5' (830-4819-109)	1/23/24	07:10 Mountain		Solid			X	X	1	
New Boring 4 @ 0-1' (830-4819-110)	1/23/24	07:18 Mountain		Solid			X	X	1	
New Boring 4 @ -3' (830-4819-111)	1/23/24	07:23 Mountain		Solid			X	X	1	
New Boring 4 @ -5' (830-4819-112)	1/23/24	07:29 Mountain		Solid			X	X	1	
New Boring 2 @ 0-1' (830-4819-113)	1/23/24	07:33 Mountain		Solid			X	X	1	
New Boring 2 @ 3' (830-4819-114)	1/23/24	07:37 Mountain		Solid			X	X	1	
New Boring 2 @ 5' (830-4819-115)	1/23/24	07:41 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/2/24 932	Company	Received by:	Date/Time: 2/2/24 932	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM
Page 203 of 210
2/22/2024 (Rev. 2)
Released to Imaging: 1/10/2025 10:56:20 AM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 830-4819-1

Login Number: 4819 **List Source: Eurofins El Paso**
List Number: 1
Creator: Aparicio, Niria

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

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 830-4819-1

Login Number: 4819
List Number: 3
Creator: Dabinett, Ian

List Source: Eurofins Dallas
List Creation: 02/01/24 12:45 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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?	N/A	
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.	True	
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: TRC Solutions, Inc. Job Number: 830-4819-1

Login Number: 4819
List Number: 4
Creator: Dabinett, Ian

List Source: Eurofins Dallas
List Creation: 02/02/24 12:43 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.	False	COC not relinquished.
Is the Field Sampler's name present on COC?	N/A	
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.	True	
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: TRC Solutions, Inc. Job Number: 830-4819-1

Login Number: 4819
List Number: 5
Creator: Phillips, Weston

List Source: Eurofins Dallas
List Creation: 02/08/24 10:20 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 830-4819-1

Login Number: 4819
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 01/26/24 11:05 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: TRC Solutions, Inc. Job Number: 830-4819-1

Login Number: 4819 **List Source: Eurofins Midland**
List Number: 6 **List Creation: 02/19/24 09:06 AM**
Creator: Kramer, Jessica

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.	True	
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: TRC Solutions, Inc. Job Number: 830-4819-1

Login Number: 4819
List Number: 7
Creator: Kramer, Jessica

List Source: Eurofins Midland
List Creation: 02/20/24 01:39 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
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JOB DESCRIPTION

COP BKU 568435

JOB NUMBER

830-4819-1

Eurofins El Paso
200 East Sunset Rd.
Suite E
El Paso TX 79922

See page two for job notes and contact information.

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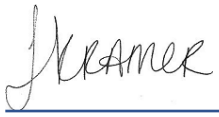
Eurofins El Paso

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



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Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
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Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Laboratory Job ID: 830-4819-1

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 10
Surrogate Summary 88
QC Sample Results 95
QC Association Summary 122
Lab Chronicle 143
Certification Summary 173
Method Summary 174
Sample Summary 175
Chain of Custody 178
Receipt Checklists 203

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: TRC Solutions, Inc.
Project: COP BKU 568435

Job ID: 830-4819-1

Job ID: 830-4819-1 Eurofins El Paso

Job Narrative
830-4819-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 1/25/2024 1:43 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 -0.4°C

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-71786 and analytical batch 880-71848 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-5998-A-65 MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 880-71848 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 880-72315 recovered outside control limits for the following analytes: MTBE.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-71865 and analytical batch 880-72266 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-71849 and analytical batch 880-72197 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-72197 recovered under the lower control limit for Benzene, m,p-Xylenes and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following samples were outside control limits: New Boring 7- @ 30' (830-4819-43), New Boring 8- @ 10' (830-4819-49), New Boring 8- @ 15' (830-4819-50), New Boring 8- @ 20' (830-4819-51), New Boring 8- @ 25' (830-4819-52), New Boring 8- @ 30' (830-4819-53), New Boring 8- @ 50' (830-4819-55), New Boring 8- @ 60' (830-4819-56), New Boring 8- @ 70' (830-4819-57), New Boring 8- @ 80' (830-4819-58), New Boring 8- @ 90' (830-4819-59), New Boring 9- @ 5' (830-4819-64), New Boring 9- @ 15' (830-4819-66), New Boring 9- @ 20' (830-4819-67), New Boring 9- @ 40' (830-4819-70), New Boring 10- @ 10 ' (830-4819-75), New Boring 10- @ 15 ' (830-4819-76), New Boring 10- @ 25 ' (830-4819-78), New Boring 10- @ 30 ' (830-4819-79), New Boring 10- @ 40 ' (830-4819-80), Confirmation Boring 1 @ 5' (830-4819-103), Confirmation Boring 4 @ 5' (830-4819-106), New Boring 1 @ -3' (830-4819-108), New Boring 4 @ 0-1' (830-4819-110), New Boring 4 @ -5' (830-4819-112) and New Boring 2 @ 3' (830-4819-114). 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 880-71865 and analytical batch 880-72266 was outside the control limits.

Case Narrative

Client: TRC Solutions, Inc.
Project: COP BKU 568435

Job ID: 830-4819-1

Job ID: 830-4819-1 (Continued) Eurofins El Paso

Method 8021B: Surrogate recovery for the following samples were outside control limits: New Boring - 6 @ 30' (830-4819-28), New Boring - 6 @ 40' (830-4819-29), New Boring - 6 @ 50' (830-4819-30), New Boring - 6 @ 60' (830-4819-31), New Boring 7- @ 15' (830-4819-40), New Boring 10- @ 50 ' (830-4819-81), New Boring 10- @ 60 ' (830-4819-82), New Boring 10- @ 70 ' (830-4819-83), New Boring 11- @ 15 ' (830-4819-89) and (CCV 880-72266/82). 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 880-72102 and analytical batch 880-72266 was outside the control limits.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-71862 and analytical batch 880-72266 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: Confirmation Boring 3 @ 0-1' (830-4819-95), Confirmation Boring 2@ 0-1' (830-4819-98) and Confirmation Boring 2 @ 5' (830-4819-100). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: New Boring 8- @ 25' (830-4819-52), New Boring 8- @ 30' (830-4819-53), New Boring 8- @ 40' (830-4819-54), New Boring 8- @ 50' (830-4819-55), New Boring 10- @ 25 ' (830-4819-78), New Boring 10- @ 30 ' (830-4819-79) and (880-38487-A-1-G). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: New Boring - 6 @ 60' (830-4819-31). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: New Boring - 6 @ 20' (830-4819-26), New Boring - 6 @ 25' (830-4819-27), New Boring - 6 @ 70' (830-4819-32), New Boring - 6 @ 80' (830-4819-33), New Boring - 6 @ 100' (830-4819-35) and New Boring 7- @ 10' (830-4819-39). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: New Boring - 6 @ 20' (830-4819-26), New Boring - 6 @ 25' (830-4819-27), New Boring - 6 @ 30' (830-4819-28), New Boring - 6 @ 50' (830-4819-30), New Boring - 6 @ 70' (830-4819-32) and New Boring - 6 @ 80' (830-4819-33). Elevated reporting limits (RLs) are provided.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: New Boring - 6 @ 40' (830-4819-29). Elevated reporting limits (RLs) are provided.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-71863 and analytical batch 880-72288 was outside the control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: New Boring 7- @ 25' (830-4819-42) and New Boring 8- @ 40' (830-4819-54). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: Confirmation Boring 4 @ 3' (830-4819-105). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: New Boring 9- @ 10' (830-4819-65). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-71863 and analytical batch 880-72288 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: The laboratory control sample (LCS) associated with preparation batch 880-71864 and 880-71866 and analytical batch 880-72288 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.

Case Narrative

Client: TRC Solutions, Inc.
Project: COP BKU 568435

Job ID: 830-4819-1

Job ID: 830-4819-1 (Continued) Eurofins El Paso

Method 8021B: The following samples were diluted due to the nature of the sample matrix: New Boring 8- @ 15' (830-4819-50), New Boring 8- @ 20' (830-4819-51), New Boring 8- @ 25' (830-4819-52), New Boring 8- @ 30' (830-4819-53), New Boring 8- @ 40' (830-4819-54), New Boring 8- @ 50' (830-4819-55), New Boring 8- @ 60' (830-4819-56), New Boring 8- @ 80' (830-4819-58), New Boring 10- @ 20 ' (830-4819-77), New Boring 10- @ 25 ' (830-4819-78) and Confirmation Boring 1 @ 5' (830-4819-103). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following sample was outside control limits: New Boring 8- @ 15' (830-4819-50). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-72103 and analytical batch 880-72315 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: The laboratory control sample (LCS) associated with preparation batch 880-72362 and analytical batch 880-72315 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: The following samples were diluted due to the nature of the sample matrix: New Boring 8- @ 15' (830-4819-50), New Boring 8- @ 25' (830-4819-52), New Boring 8- @ 30' (830-4819-53), New Boring 8- @ 40' (830-4819-54), New Boring 8- @ 50' (830-4819-55), New Boring 10- @ 25 ' (830-4819-78) and New Boring 10- @ 30 ' (830-4819-79). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 870-17650 and analytical batch 870-17633 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: New Boring - 6 @ 5' (830-4819-23), New Boring - 6 @ 80' (830-4819-33) and New Boring - 6 @ 100' (830-4819-35). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: New Boring - 3 @ 0-1' (830-4819-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 870-17901 and analytical batch 870-17969 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 870-17901 and analytical batch 870-17969 were outside control limits. Sample matrix interference 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: (830-4819-A-64-F MS) and (830-4819-A-64-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (830-4819-A-64-F MS) and (830-4819-A-64-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: New Boring 9- @ 0-1 ' (830-4819-62), New Boring 11- @ 0-1 ' (830-4819-85), New Boring 11- @ 3 ' (830-4819-86), New Boring 11- @ 5 ' (830-4819-87), New Boring 11- @ 10 ' (830-4819-88), New Boring 11- @ 15 ' (830-4819-89), New Boring 11- @ 20 ' (830-4819-90), New Boring 11- @ 25' (830-4819-91), New Boring 11- @ 40' (830-4819-93), New Boring 11- @ 50' (830-4819-94), New Boring 1 @ -3' (830-4819-108), New Boring 1 @ -5' (830-4819-109), New Boring 4 @ 0-1' (830-4819-110), New Boring 4 @ -3' (830-4819-111), New Boring 4 @ -5' (830-4819-112), New Boring 2 @ 0-1' (830-4819-113), New Boring 2 @ 3' (830-4819-114) and New Boring 2 @ 5' (830-4819-115). This sample did not contain any target analytes; therefore, re-

Case Narrative

Client: TRC Solutions, Inc.
Project: COP BKU 568435

Job ID: 830-4819-1

Job ID: 830-4819-1 (Continued) Eurofins El Paso

extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: New Boring 8- @ 60' (830-4819-56), New Boring 10- @ 15 ' (830-4819-76), New Boring 10- @ 60 ' (830-4819-82), New Boring 10- @ 70 ' (830-4819-83), New Boring 10- @ 80 ' (830-4819-84), Confirmation Boring 3 @ 0-1' (830-4819-95), Confirmation Boring 3 @ 3' (830-4819-96), Confirmation Boring 3 @ 5' (830-4819-97), Confirmation Boring 2@ 0-1' (830-4819-98), Confirmation Boring 2 @ 3' (830-4819-99), Confirmation Boring 2 @ 5' (830-4819-100), Confirmation Boring 1 @ 0-1' (830-4819-101), Confirmation Boring 1 @ 3' (830-4819-102), Confirmation Boring 1 @ 5' (830-4819-103), Confirmation Boring 4 @ 3' (830-4819-105), Confirmation Boring 4 @ 5' (830-4819-106) and New Boring 1 @ 0-1' (830-4819-107). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: New Boring 10- @ 25 ' (830-4819-78) and New Boring 10- @ 50 ' (830-4819-81). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: New Boring 9- @ 30' (830-4819-69) and New Boring 10- @ 0-1 ' (830-4819-72). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Reanalysis of the following sample was performed outside of the analytical holding time due to low surrogate results during initial analysis : New Boring 10- @ 40 ' (830-4819-80).

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: New Boring 10- @ 40 ' (830-4819-80). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-72722 and analytical batch 880-73204 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-72722 and analytical batch 880-73204 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-71868 and analytical batch 880-72019 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.

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 0-1'

Lab Sample ID: 830-4819-1
Matrix: Solid
Date Collected: 01/22/24 09:16
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		01/29/24 14:38	02/03/24 04:44	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		01/29/24 14:38	02/03/24 04:44	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		01/29/24 14:38	02/03/24 04:44	1
m,p-Xylenes	<0.00402	U F1	0.00402		mg/Kg		01/29/24 14:38	02/03/24 04:44	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		01/29/24 14:38	02/03/24 04:44	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		01/29/24 14:38	02/03/24 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:38*	*02/03/24 04:44*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:38*	*02/03/24 04:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 04:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/24 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)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 14:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 14:18	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*01/29/24 11:18*	*02/02/24 14:18*	*1*
1-Chlorooctane	*117*		*70 - 130*	*01/29/24 11:18*	*02/02/24 14:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.6**		4.97		mg/Kg			01/31/24 19:34	1

Client Sample ID: New Boring - 3 @ 3'

Lab Sample ID: 830-4819-2
Matrix: Solid
Date Collected: 01/22/24 09:19
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 05:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 05:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/29/24 14:38*	*02/03/24 05:05*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*01/29/24 14:38*	*02/03/24 05:05*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 3'

Lab Sample ID: 830-4819-2
Matrix: Solid
Date Collected: 01/22/24 09:19
Date Received: 01/25/24 13:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 05:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/02/24 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)	<50.5	U	50.5		mg/Kg		01/29/24 11:18	02/02/24 15:20	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/29/24 11:18	02/02/24 15:20	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:18	02/02/24 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*119*		*70 - 130*	*01/29/24 11:18*	*02/02/24 15:20*	*1*
1-Chlorooctane	*106*		*70 - 130*	*01/29/24 11:18*	*02/02/24 15:20*	*1*

Client Sample ID: New Boring - 3 @ 5'

Lab Sample ID: 830-4819-3
Matrix: Solid
Date Collected: 01/22/24 09:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 05:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 05:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:38*	*02/03/24 05:25*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:38*	*02/03/24 05:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 05:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**52.5**		49.7		mg/Kg			02/02/24 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)	<49.7	U	49.7		mg/Kg		01/29/24 11:18	02/02/24 15:40	1
Diesel Range Organics (Over C10-C28)	**52.5**		49.7		mg/Kg		01/29/24 11:18	02/02/24 15:40	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:18	02/02/24 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*127*		*70 - 130*	*01/29/24 11:18*	*02/02/24 15:40*	*1*
1-Chlorooctane	*114*		*70 - 130*	*01/29/24 11:18*	*02/02/24 15:40*	*1*

Eurofins El Paso

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 10'

Lab Sample ID: 830-4819-4
Matrix: Solid
Date Collected: 01/22/24 09:28
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 05:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 05:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 05:45	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 05:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 05:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*01/29/24 14:38*	*02/03/24 05:45*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*01/29/24 14:38*	*02/03/24 05:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 05:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**58.8**		49.9		mg/Kg			02/02/24 16:01	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 16:01	1
Diesel Range Organics (Over C10-C28)	**58.8**		49.9		mg/Kg		01/29/24 11:18	02/02/24 16:01	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*112*		*70 - 130*	*01/29/24 11:18*	*02/02/24 16:01*	*1*
1-Chlorooctane	*100*		*70 - 130*	*01/29/24 11:18*	*02/02/24 16:01*	*1*

Client Sample ID: New Boring - 3 @ 15'

Lab Sample ID: 830-4819-5
Matrix: Solid
Date Collected: 01/22/24 09:34
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 06:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 06:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 06:06	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 06:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 06:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 06:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*01/29/24 14:38*	*02/03/24 06:06*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/29/24 14:38*	*02/03/24 06:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 06:06	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 15'

Lab Sample ID: 830-4819-5
Matrix: Solid
Date Collected: 01/22/24 09:34
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/02/24 16:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 16:22	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 16:22	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*108*		*70 - 130*	*01/29/24 11:18*	*02/02/24 16:22*	*1*
1-Chlorooctane	*97*		*70 - 130*	*01/29/24 11:18*	*02/02/24 16:22*	*1*

Client Sample ID: New Boring - 3 @ 20'

Lab Sample ID: 830-4819-6
Matrix: Solid
Date Collected: 01/22/24 09:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 06:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 06:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 06:26	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/29/24 14:38	02/03/24 06:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 06:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 14:38	02/03/24 06:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/29/24 14:38*	*02/03/24 06:26*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/29/24 14:38*	*02/03/24 06:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/03/24 06:26	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/24 16:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 16:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 16:42	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*125*		*70 - 130*	*01/29/24 11:18*	*02/02/24 16:42*	*1*
1-Chlorooctane	*112*		*70 - 130*	*01/29/24 11:18*	*02/02/24 16:42*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 25'

Lab Sample ID: 830-4819-7
Matrix: Solid
Date Collected: 01/22/24 09:43
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 06:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 06:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 06:47	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 06:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 06:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 06:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*01/29/24 14:38*	*02/03/24 06:47*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/29/24 14:38*	*02/03/24 06:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 06:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/24 17:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8		mg/Kg		01/29/24 11:18	02/02/24 17:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/29/24 11:18	02/02/24 17:03	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/29/24 11:18	02/02/24 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*112*		*70 - 130*	*01/29/24 11:18*	*02/02/24 17:03*	*1*
1-Chlorooctane	*100*		*70 - 130*	*01/29/24 11:18*	*02/02/24 17:03*	*1*

Client Sample ID: New Boring - 3 @ 30'

Lab Sample ID: 830-4819-8
Matrix: Solid
Date Collected: 01/22/24 09:50
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 07:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 07:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 07:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 07:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 07:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 07:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/29/24 14:38*	*02/03/24 07:07*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/29/24 14:38*	*02/03/24 07:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 07:07	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 30'

Lab Sample ID: 830-4819-8
Matrix: Solid
Date Collected: 01/22/24 09:50
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/24 17:24	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 17:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 17:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*103*		*70 - 130*	*01/29/24 11:18*	*02/02/24 17:24*	*1*
1-Chlorooctane	*90*		*70 - 130*	*01/29/24 11:18*	*02/02/24 17:24*	*1*

Client Sample ID: New Boring - 3 @ 40'

Lab Sample ID: 830-4819-9
Matrix: Solid
Date Collected: 01/22/24 09:57
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 09:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 09:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 09:33	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 09:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 09:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 09:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*01/29/24 14:38*	*02/03/24 09:33*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*01/29/24 14:38*	*02/03/24 09:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 09:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/24 17:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 17:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 17:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*119*		*70 - 130*	*01/29/24 11:18*	*02/02/24 17:45*	*1*
1-Chlorooctane	*104*		*70 - 130*	*01/29/24 11:18*	*02/02/24 17:45*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 50'

Lab Sample ID: 830-4819-10
Matrix: Solid
Date Collected: 01/22/24 10:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 09:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 09:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 09:54	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 09:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 09:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/29/24 14:38*	*02/03/24 09:54*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/29/24 14:38*	*02/03/24 09:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 09:54	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/02/24 18:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 18:05	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 18:05	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*98*		*70 - 130*	*01/29/24 11:18*	*02/02/24 18:05*	*1*
1-Chlorooctane	*86*		*70 - 130*	*01/29/24 11:18*	*02/02/24 18:05*	*1*

Client Sample ID: New Boring - 5 @ 0-1'

Lab Sample ID: 830-4819-11
Matrix: Solid
Date Collected: 01/22/24 10:20
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 11:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 11:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 11:44	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/29/24 14:38	02/03/24 11:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 11:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 14:38	02/03/24 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*01/29/24 14:38*	*02/03/24 11:44*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/29/24 14:38*	*02/03/24 11:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/03/24 11:44	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 0-1'

Lab Sample ID: 830-4819-11
Matrix: Solid
Date Collected: 01/22/24 10:20
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/02/24 18:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:18	02/02/24 18:48	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/29/24 11:18	02/02/24 18:48	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:18	02/02/24 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*109*		*70 - 130*	*01/29/24 11:18*	*02/02/24 18:48*	*1*
1-Chlorooctane	*97*		*70 - 130*	*01/29/24 11:18*	*02/02/24 18:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**221**		5.02		mg/Kg			02/01/24 20:36	1

Client Sample ID: New Boring - 5 @ 3'

Lab Sample ID: 830-4819-12
Matrix: Solid
Date Collected: 01/22/24 10:29
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 12:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/29/24 14:38*	*02/03/24 12:04*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:38*	*02/03/24 12:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 12:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/02/24 19:08	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		01/29/24 11:18	02/02/24 19:08	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/29/24 11:18	02/02/24 19:08	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:18	02/02/24 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*70 - 130*	*01/29/24 11:18*	*02/02/24 19:08*	*1*
1-Chlorooctane	*84*		*70 - 130*	*01/29/24 11:18*	*02/02/24 19:08*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 5'

Lab Sample ID: 830-4819-13
Matrix: Solid
Date Collected: 01/22/24 10:35
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 12:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 12:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:38*	*02/03/24 12:25*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*01/29/24 14:38*	*02/03/24 12:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 12:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/02/24 19:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		01/29/24 11:18	02/02/24 19:29	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/29/24 11:18	02/02/24 19:29	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/29/24 11:18	02/02/24 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*90*		*70 - 130*	*01/29/24 11:18*	*02/02/24 19:29*	*1*
1-Chlorooctane	*80*		*70 - 130*	*01/29/24 11:18*	*02/02/24 19:29*	*1*

Client Sample ID: New Boring - 5 @ 10'

Lab Sample ID: 830-4819-14
Matrix: Solid
Date Collected: 01/22/24 10:41
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 12:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 12:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 12:45	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 12:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 12:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*01/29/24 14:38*	*02/03/24 12:45*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*01/29/24 14:38*	*02/03/24 12:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 12:45	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 10'

Lab Sample ID: 830-4819-14
Matrix: Solid
Date Collected: 01/22/24 10:41
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/02/24 19:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:18	02/02/24 19:50	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/29/24 11:18	02/02/24 19:50	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:18	02/02/24 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*109*		*70 - 130*	*01/29/24 11:18*	*02/02/24 19:50*	*1*
1-Chlorooctane	*96*		*70 - 130*	*01/29/24 11:18*	*02/02/24 19:50*	*1*

Client Sample ID: New Boring - 5 @ 15'

Lab Sample ID: 830-4819-15
Matrix: Solid
Date Collected: 01/22/24 10:48
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 13:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 13:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 13:06	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 13:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 13:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*01/29/24 14:38*	*02/03/24 13:06*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/29/24 14:38*	*02/03/24 13:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 13:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			02/02/24 20:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.5	U	49.5		mg/Kg		01/29/24 11:18	02/02/24 20:11	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		01/29/24 11:18	02/02/24 20:11	1
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		01/29/24 11:18	02/02/24 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*81*		*70 - 130*	*01/29/24 11:18*	*02/02/24 20:11*	*1*
1-Chlorooctane	*72*		*70 - 130*	*01/29/24 11:18*	*02/02/24 20:11*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 20'

Lab Sample ID: 830-4819-16
Matrix: Solid
Date Collected: 01/22/24 10:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:26	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 13:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*01/29/24 14:38*	*02/03/24 13:26*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:38*	*02/03/24 13:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 13:26	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/24 20:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 20:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 20:32	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:18	02/02/24 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*106*		*70 - 130*	*01/29/24 11:18*	*02/02/24 20:32*	*1*
1-Chlorooctane	*95*		*70 - 130*	*01/29/24 11:18*	*02/02/24 20:32*	*1*

Client Sample ID: New Boring - 5 @ 25'

Lab Sample ID: 830-4819-17
Matrix: Solid
Date Collected: 01/22/24 11:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:47	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 13:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:38	02/03/24 13:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:38	02/03/24 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*01/29/24 14:38*	*02/03/24 13:47*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:38*	*02/03/24 13:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 13:47	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 25'

Lab Sample ID: 830-4819-17
Matrix: Solid
Date Collected: 01/22/24 11:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/02/24 20:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:18	02/02/24 20:52	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/29/24 11:18	02/02/24 20:52	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:18	02/02/24 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*70 - 130*	*01/29/24 11:18*	*02/02/24 20:52*	*1*
1-Chlorooctane	*77*		*70 - 130*	*01/29/24 11:18*	*02/02/24 20:52*	*1*

Client Sample ID: New Boring - 5 @ 30'

Lab Sample ID: 830-4819-18
Matrix: Solid
Date Collected: 01/22/24 11:14
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:07	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 14:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:38	02/03/24 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*01/29/24 14:38*	*02/03/24 14:07*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:38*	*02/03/24 14:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 14:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/24 21:13	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 21:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 21:13	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:18	02/02/24 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*96*		*70 - 130*	*01/29/24 11:18*	*02/02/24 21:13*	*1*
1-Chlorooctane	*85*		*70 - 130*	*01/29/24 11:18*	*02/02/24 21:13*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 40'

Lab Sample ID: 830-4819-19
Matrix: Solid
Date Collected: 01/22/24 11:30
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 14:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 14:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 14:27	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 14:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:38	02/03/24 14:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:38	02/03/24 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*01/29/24 14:38*	*02/03/24 14:27*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:38*	*02/03/24 14:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 14:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/24 21:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8		mg/Kg		01/29/24 11:18	02/02/24 21:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/29/24 11:18	02/02/24 21:34	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/29/24 11:18	02/02/24 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*113*		*70 - 130*	*01/29/24 11:18*	*02/02/24 21:34*	*1*
1-Chlorooctane	*99*		*70 - 130*	*01/29/24 11:18*	*02/02/24 21:34*	*1*

Client Sample ID: New Boring - 5 @ 50'

Lab Sample ID: 830-4819-20
Matrix: Solid
Date Collected: 01/22/24 11:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:48	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/29/24 14:38	02/03/24 14:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 14:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 14:38	02/03/24 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*01/29/24 14:38*	*02/03/24 14:48*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:38*	*02/03/24 14:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/03/24 14:48	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 50'

Lab Sample ID: 830-4819-20
Matrix: Solid
Date Collected: 01/22/24 11:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/02/24 21:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		01/29/24 11:18	02/02/24 21:55	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/29/24 11:18	02/02/24 21:55	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:18	02/02/24 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*99*		*70 - 130*	*01/29/24 11:18*	*02/02/24 21:55*	*1*
1-Chlorooctane	*90*		*70 - 130*	*01/29/24 11:18*	*02/02/24 21:55*	*1*

Client Sample ID: New Boring - 6 @ 0-1'

Lab Sample ID: 830-4819-21
Matrix: Solid
Date Collected: 01/22/24 12:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 12:56	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		01/29/24 14:42	02/04/24 12:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 12:56	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:42	02/04/24 12:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 12:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:42	02/04/24 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:42*	*02/04/24 12:56*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*01/29/24 14:42*	*02/04/24 12:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 12:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/24 03:31	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U F1	50.0		mg/Kg		01/29/24 11:20	02/02/24 03:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		01/29/24 11:20	02/02/24 03:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:20	02/02/24 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*85*		*70 - 130*	*01/29/24 11:20*	*02/02/24 03:31*	*1*
1-Chlorooctane	*76*		*70 - 130*	*01/29/24 11:20*	*02/02/24 03:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**239**		5.04		mg/Kg			02/01/24 20:43	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 3'

Lab Sample ID: 830-4819-22
Matrix: Solid
Date Collected: 01/22/24 13:00
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 13:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/29/24 14:42*	*02/04/24 13:23*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/29/24 14:42*	*02/04/24 13:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 13:23	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/24 04:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:20	02/02/24 04:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:20	02/02/24 04:33	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:20	02/02/24 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*81*		*70 - 130*	*01/29/24 11:20*	*02/02/24 04:33*	*1*
1-Chlorooctane	*73*		*70 - 130*	*01/29/24 11:20*	*02/02/24 04:33*	*1*

Client Sample ID: New Boring - 6 @ 5'

Lab Sample ID: 830-4819-23
Matrix: Solid
Date Collected: 01/22/24 13:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 13:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 13:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/29/24 14:42*	*02/04/24 13:49*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*01/29/24 14:42*	*02/04/24 13:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 13:49	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 5'

Lab Sample ID: 830-4819-23

Date Collected: 01/22/24 13:05
Matrix: Solid
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/02/24 04:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 04:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 04:53	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*65*	*S1-*	*70 - 130*	*01/29/24 11:20*	*02/02/24 04:53*	*1*
1-Chlorooctane	*60*	*S1-*	*70 - 130*	*01/29/24 11:20*	*02/02/24 04:53*	*1*

Client Sample ID: New Boring - 6 @ 10'

Lab Sample ID: 830-4819-24

Date Collected: 01/22/24 13:10
Matrix: Solid
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 14:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 14:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 14:16	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:42	02/04/24 14:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 14:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:42	02/04/24 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*01/29/24 14:42*	*02/04/24 14:16*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*01/29/24 14:42*	*02/04/24 14:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/24 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/02/24 05:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:20	02/02/24 05:14	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/29/24 11:20	02/02/24 05:14	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:20	02/02/24 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*70 - 130*	*01/29/24 11:20*	*02/02/24 05:14*	*1*
1-Chlorooctane	*78*		*70 - 130*	*01/29/24 11:20*	*02/02/24 05:14*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 15'

Lab Sample ID: 830-4819-25
Matrix: Solid
Date Collected: 01/22/24 13:17
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 14:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 14:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 14:43	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:42	02/04/24 14:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 14:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:42	02/04/24 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/29/24 14:42*	*02/04/24 14:43*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/29/24 14:42*	*02/04/24 14:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 14:43	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/02/24 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)	<50.3	U	50.3		mg/Kg		01/29/24 11:20	02/02/24 05:35	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/29/24 11:20	02/02/24 05:35	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:20	02/02/24 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*98*		*70 - 130*	*01/29/24 11:20*	*02/02/24 05:35*	*1*
1-Chlorooctane	*87*		*70 - 130*	*01/29/24 11:20*	*02/02/24 05:35*	*1*

Client Sample ID: New Boring - 6 @ 20'

Lab Sample ID: 830-4819-26
Matrix: Solid
Date Collected: 01/22/24 13:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.667**		0.100		mg/Kg		01/29/24 14:42	02/04/24 15:36	50
Toluene	**0.798**		0.100		mg/Kg		01/29/24 14:42	02/04/24 15:36	50
Ethylbenzene	**13.7**		0.100		mg/Kg		01/29/24 14:42	02/04/24 15:36	50
m,p-Xylenes	**13.4**		0.200		mg/Kg		01/29/24 14:42	02/04/24 15:36	50
o-Xylene	**1.30**		0.100		mg/Kg		01/29/24 14:42	02/04/24 15:36	50
Xylenes, Total	**14.7**		0.200		mg/Kg		01/29/24 14:42	02/04/24 15:36	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*169*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 15:36*	*50*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/29/24 14:42*	*02/04/24 15:36*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**29.9**		0.200		mg/Kg			02/04/24 15:36	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 20'

Lab Sample ID: 830-4819-26
Matrix: Solid
Date Collected: 01/22/24 13:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1050**		50.5		mg/Kg			02/02/24 05:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**110**		50.5		mg/Kg		01/29/24 11:20	02/02/24 05:55	1
Diesel Range Organics (Over C10-C28)	**938**		50.5		mg/Kg		01/29/24 11:20	02/02/24 05:55	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:20	02/02/24 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*70 - 130*	*01/29/24 11:20*	*02/02/24 05:55*	*1*
1-Chlorooctane	*87*		*70 - 130*	*01/29/24 11:20*	*02/02/24 05:55*	*1*

Client Sample ID: New Boring - 6 @ 25'

Lab Sample ID: 830-4819-27
Matrix: Solid
Date Collected: 01/22/24 13:27
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0996	U	0.0996		mg/Kg		01/29/24 14:42	02/04/24 16:03	50
Toluene	**7.96**		0.0996		mg/Kg		01/29/24 14:42	02/04/24 16:03	50
Ethylbenzene	**14.0**		0.0996		mg/Kg		01/29/24 14:42	02/04/24 16:03	50
m,p-Xylenes	**14.0**		0.199		mg/Kg		01/29/24 14:42	02/04/24 16:03	50
o-Xylene	**6.23**		0.0996		mg/Kg		01/29/24 14:42	02/04/24 16:03	50
Xylenes, Total	**20.2**		0.199		mg/Kg		01/29/24 14:42	02/04/24 16:03	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 16:03*	*50*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/29/24 14:42*	*02/04/24 16:03*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**42.2**		0.199		mg/Kg			02/04/24 16:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2090**		49.9		mg/Kg			02/02/24 06:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**294**		49.9		mg/Kg		01/29/24 11:20	02/02/24 06:16	1
Diesel Range Organics (Over C10-C28)	**1800**		49.9		mg/Kg		01/29/24 11:20	02/02/24 06:16	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:20	02/02/24 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*112*		*70 - 130*	*01/29/24 11:20*	*02/02/24 06:16*	*1*
1-Chlorooctane	*107*		*70 - 130*	*01/29/24 11:20*	*02/02/24 06:16*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 30'

Lab Sample ID: 830-4819-28
Matrix: Solid
Date Collected: 01/22/24 13:32
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.06**		0.0994		mg/Kg		01/29/24 14:42	02/04/24 16:29	50
Toluene	**4.43**		0.497		mg/Kg		02/05/24 10:00	02/05/24 14:29	250
Ethylbenzene	**2.94**		0.497		mg/Kg		02/05/24 10:00	02/05/24 14:29	250
m,p-Xylenes	**33.4**		0.199		mg/Kg		01/29/24 14:42	02/04/24 16:29	50
o-Xylene	**14.3**		0.0994		mg/Kg		01/29/24 14:42	02/04/24 16:29	50
Xylenes, Total	**47.7**		0.199		mg/Kg		01/29/24 14:42	02/04/24 16:29	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:42*	*02/04/24 16:29*	*50*
1,4-Difluorobenzene (Surr)	*64*	*S1-*	*70 - 130*	*01/29/24 14:42*	*02/04/24 16:29*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**56.1**		0.497		mg/Kg			02/05/24 14:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**3080**		49.7		mg/Kg			02/02/24 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)	**627**		49.7		mg/Kg		01/29/24 11:20	02/02/24 06:37	1
Diesel Range Organics (Over C10-C28)	**2450**		49.7		mg/Kg		01/29/24 11:20	02/02/24 06:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 06:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*103*		*70 - 130*	*01/29/24 11:20*	*02/02/24 06:37*	*1*
1-Chlorooctane	*106*		*70 - 130*	*01/29/24 11:20*	*02/02/24 06:37*	*1*

Client Sample ID: New Boring - 6 @ 40'

Lab Sample ID: 830-4819-29
Matrix: Solid
Date Collected: 01/22/24 13:39
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.998	U	0.998		mg/Kg		02/05/24 10:00	02/05/24 14:49	500
Toluene	**1.59**		0.998		mg/Kg		02/05/24 10:00	02/05/24 14:49	500
Ethylbenzene	<0.998	U	0.998		mg/Kg		02/05/24 10:00	02/05/24 14:49	500
m,p-Xylenes	<2.00	U	2.00		mg/Kg		02/05/24 10:00	02/05/24 14:49	500
o-Xylene	<0.998	U	0.998		mg/Kg		02/05/24 10:00	02/05/24 14:49	500
Xylenes, Total	<2.00	U	2.00		mg/Kg		02/05/24 10:00	02/05/24 14:49	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*261*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 15:10*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*	*01/29/24 14:42*	*02/04/24 15:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<2.00	U	2.00		mg/Kg			02/05/24 14:49	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 40'

Lab Sample ID: 830-4819-29
Matrix: Solid
Date Collected: 01/22/24 13:39
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1380**		49.9		mg/Kg			02/02/24 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)	**363**		49.9		mg/Kg		01/29/24 11:20	02/02/24 06:58	1
Diesel Range Organics (Over C10-C28)	**1020**		49.9		mg/Kg		01/29/24 11:20	02/02/24 06:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:20	02/02/24 06:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*106*		*70 - 130*	*01/29/24 11:20*	*02/02/24 06:58*	*1*
1-Chlorooctane	*99*		*70 - 130*	*01/29/24 11:20*	*02/02/24 06:58*	*1*

Client Sample ID: New Boring - 6 @ 50'

Lab Sample ID: 830-4819-30
Matrix: Solid
Date Collected: 01/22/24 13:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		01/29/24 14:42	02/04/24 16:55	50
Toluene	**7.83**		0.101		mg/Kg		01/29/24 14:42	02/04/24 16:55	50
Ethylbenzene	**11.5**		0.101		mg/Kg		01/29/24 14:42	02/04/24 16:55	50
m,p-Xylenes	**11.4**		0.201		mg/Kg		01/29/24 14:42	02/04/24 16:55	50
o-Xylene	**6.70**		0.101		mg/Kg		01/29/24 14:42	02/04/24 16:55	50
Xylenes, Total	**18.1**		0.201		mg/Kg		01/29/24 14:42	02/04/24 16:55	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 16:55*	*50*
1,4-Difluorobenzene (Surr)	*61*	*S1-*	*70 - 130*	*01/29/24 14:42*	*02/04/24 16:55*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**37.4**		0.201		mg/Kg			02/04/24 16:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1330**		50.3		mg/Kg			02/02/24 07:18	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**241**		50.3		mg/Kg		01/29/24 11:20	02/02/24 07:18	1
Diesel Range Organics (Over C10-C28)	**1090**		50.3		mg/Kg		01/29/24 11:20	02/02/24 07:18	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:20	02/02/24 07:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*107*		*70 - 130*	*01/29/24 11:20*	*02/02/24 07:18*	*1*
1-Chlorooctane	*100*		*70 - 130*	*01/29/24 11:20*	*02/02/24 07:18*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 60'

Lab Sample ID: 830-4819-31
Matrix: Solid
Date Collected: 01/22/24 13:56
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	14.7		2.01		mg/Kg		02/05/24 10:00	02/05/24 15:10	1000
Toluene	131		2.01		mg/Kg		02/05/24 10:00	02/05/24 15:10	1000
Ethylbenzene	89.9		2.01		mg/Kg		02/05/24 10:00	02/05/24 15:10	1000
m,p-Xylenes	131		4.02		mg/Kg		02/05/24 10:00	02/05/24 15:10	1000
o-Xylene	40.3		2.01		mg/Kg		02/05/24 10:00	02/05/24 15:10	1000
Xylenes, Total	171		4.02		mg/Kg		02/05/24 10:00	02/05/24 15:10	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*209*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 18:39*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*01/29/24 14:42*	*02/04/24 18:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	407		4.02		mg/Kg			02/05/24 15:10	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	605		50.3		mg/Kg			02/02/24 08:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	114		50.3		mg/Kg		01/29/24 11:20	02/02/24 08:00	1
Diesel Range Organics (Over C10-C28)	491		50.3		mg/Kg		01/29/24 11:20	02/02/24 08:00	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:20	02/02/24 08:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*110*		*70 - 130*	*01/29/24 11:20*	*02/02/24 08:00*	*1*
1-Chlorooctane	*99*		*70 - 130*	*01/29/24 11:20*	*02/02/24 08:00*	*1*

Client Sample ID: New Boring - 6 @ 70'

Lab Sample ID: 830-4819-32
Matrix: Solid
Date Collected: 01/22/24 14:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.768		0.0996		mg/Kg		01/29/24 14:42	02/04/24 22:07	50
Toluene	9.63		0.0996		mg/Kg		01/29/24 14:42	02/04/24 22:07	50
Ethylbenzene	7.04		0.0996		mg/Kg		01/29/24 14:42	02/04/24 22:07	50
m,p-Xylenes	7.15		0.199		mg/Kg		01/29/24 14:42	02/04/24 22:07	50
o-Xylene	3.04		0.0996		mg/Kg		01/29/24 14:42	02/04/24 22:07	50
Xylenes, Total	10.2		0.199		mg/Kg		01/29/24 14:42	02/04/24 22:07	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 22:07*	*50*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*01/29/24 14:42*	*02/04/24 22:07*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	27.6		0.199		mg/Kg			02/04/24 22:07	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 70'

Lab Sample ID: 830-4819-32
Matrix: Solid
Date Collected: 01/22/24 14:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1130		50.2		mg/Kg			02/02/24 08:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	313		50.2		mg/Kg		01/29/24 11:20	02/02/24 08:20	1
Diesel Range Organics (Over C10-C28)	818		50.2		mg/Kg		01/29/24 11:20	02/02/24 08:20	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:20	02/02/24 08:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*130*		*70 - 130*	*01/29/24 11:20*	*02/02/24 08:20*	*1*
1-Chlorooctane	*120*		*70 - 130*	*01/29/24 11:20*	*02/02/24 08:20*	*1*

Client Sample ID: New Boring - 6 @ 80'

Lab Sample ID: 830-4819-33
Matrix: Solid
Date Collected: 01/22/24 14:32
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.39		2.00		mg/Kg		02/05/24 10:00	02/05/24 15:30	1000
Toluene	173		2.00		mg/Kg		02/05/24 10:00	02/05/24 15:30	1000
Ethylbenzene	31.0		2.00		mg/Kg		02/05/24 10:00	02/05/24 15:30	1000
m,p-Xylenes	193		4.01		mg/Kg		02/05/24 10:00	02/05/24 15:30	1000
o-Xylene	48.2		2.00		mg/Kg		02/05/24 10:00	02/05/24 15:30	1000
Xylenes, Total	241		4.01		mg/Kg		02/05/24 10:00	02/05/24 15:30	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*232*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 22:33*	*50*
1,4-Difluorobenzene (Surr)	*49*	*S1-*	*70 - 130*	*01/29/24 14:42*	*02/04/24 22:33*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	453		4.01		mg/Kg			02/05/24 15:30	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	10500		252		mg/Kg			02/02/24 08:41	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	3050		252		mg/Kg		01/29/24 11:20	02/02/24 08:41	5
Diesel Range Organics (Over C10-C28)	7430		252		mg/Kg		01/29/24 11:20	02/02/24 08:41	5
OII Range Organics (Over C28-C36)	<252	U	252		mg/Kg		01/29/24 11:20	02/02/24 08:41	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*110*		*70 - 130*	*01/29/24 11:20*	*02/02/24 08:41*	*5*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*01/29/24 11:20*	*02/02/24 08:41*	*5*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 90'

Lab Sample ID: 830-4819-34
Matrix: Solid
Date Collected: 01/22/24 14:39
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00764		0.00200		mg/Kg		01/29/24 14:42	02/04/24 19:05	1
Toluene	0.0594		0.00200		mg/Kg		01/29/24 14:42	02/04/24 19:05	1
Ethylbenzene	0.0438		0.00200		mg/Kg		01/29/24 14:42	02/04/24 19:05	1
m,p-Xylenes	0.0318		0.00399		mg/Kg		01/29/24 14:42	02/04/24 19:05	1
o-Xylene	0.243		0.00200		mg/Kg		01/29/24 14:42	02/04/24 19:05	1
Xylenes, Total	0.275		0.00399		mg/Kg		01/29/24 14:42	02/04/24 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*01/29/24 14:42*	*02/04/24 19:05*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/29/24 14:42*	*02/04/24 19:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.386		0.00399		mg/Kg			02/04/24 19:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	294		49.7		mg/Kg			02/02/24 09:02	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 09:02	1
Diesel Range Organics (Over C10-C28)	294		49.7		mg/Kg		01/29/24 11:20	02/02/24 09:02	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*101*		*70 - 130*	*01/29/24 11:20*	*02/02/24 09:02*	*1*
1-Chlorooctane	*90*		*70 - 130*	*01/29/24 11:20*	*02/02/24 09:02*	*1*

Client Sample ID: New Boring - 6 @ 100'

Lab Sample ID: 830-4819-35
Matrix: Solid
Date Collected: 01/22/24 14:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00286		0.00201		mg/Kg		01/29/24 14:42	02/04/24 19:30	1
Toluene	0.0123		0.00201		mg/Kg		01/29/24 14:42	02/04/24 19:30	1
Ethylbenzene	0.0230		0.00201		mg/Kg		01/29/24 14:42	02/04/24 19:30	1
m,p-Xylenes	0.0318		0.00402		mg/Kg		01/29/24 14:42	02/04/24 19:30	1
o-Xylene	0.0703		0.00201		mg/Kg		01/29/24 14:42	02/04/24 19:30	1
Xylenes, Total	0.102		0.00402		mg/Kg		01/29/24 14:42	02/04/24 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 19:30*	*1*
1,4-Difluorobenzene (Surr)	*121*		*70 - 130*	*01/29/24 14:42*	*02/04/24 19:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.140		0.00402		mg/Kg			02/04/24 19:30	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 100'

Lab Sample ID: 830-4819-35
Matrix: Solid
Date Collected: 01/22/24 14:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**367**		50.0		mg/Kg			02/02/24 09:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:20	02/02/24 09:22	1
Diesel Range Organics (Over C10-C28)	**367**		50.0		mg/Kg		01/29/24 11:20	02/02/24 09:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:20	02/02/24 09:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*70*		*70 - 130*	*01/29/24 11:20*	*02/02/24 09:22*	*1*
1-Chlorooctane	*64*	*S1-*	*70 - 130*	*01/29/24 11:20*	*02/02/24 09:22*	*1*

Client Sample ID: New Boring 7- @ 0-1'

Lab Sample ID: 830-4819-36
Matrix: Solid
Date Collected: 01/22/24 15:03
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 19:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 19:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 19:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 19:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 19:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*01/29/24 14:42*	*02/04/24 19:56*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*01/29/24 14:42*	*02/04/24 19:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 19:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**81.4**		50.1		mg/Kg			02/02/24 09:43	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:20	02/02/24 09:43	1
Diesel Range Organics (Over C10-C28)	**81.4**		50.1		mg/Kg		01/29/24 11:20	02/02/24 09:43	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:20	02/02/24 09:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*70 - 130*	*01/29/24 11:20*	*02/02/24 09:43*	*1*
1-Chlorooctane	*79*		*70 - 130*	*01/29/24 11:20*	*02/02/24 09:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.8**		5.01		mg/Kg			02/01/24 20:50	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7 - @ 3'

Lab Sample ID: 830-4819-37
Matrix: Solid
Date Collected: 01/22/24 15:07
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 20:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 20:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 20:22	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 20:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:42	02/04/24 20:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:42	02/04/24 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*01/29/24 14:42*	*02/04/24 20:22*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:42*	*02/04/24 20:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 20:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**60.9**		50.5		mg/Kg			02/02/24 10:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:20	02/02/24 10:04	1
Diesel Range Organics (Over C10-C28)	**60.9**		50.5		mg/Kg		01/29/24 11:20	02/02/24 10:04	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:20	02/02/24 10:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*70 - 130*	*01/29/24 11:20*	*02/02/24 10:04*	*1*
1-Chlorooctane	*75*		*70 - 130*	*01/29/24 11:20*	*02/02/24 10:04*	*1*

Client Sample ID: New Boring 7- @ 5'

Lab Sample ID: 830-4819-38
Matrix: Solid
Date Collected: 01/22/24 15:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00212**		0.00200		mg/Kg		01/29/24 14:42	02/04/24 20:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 20:49	1
Ethylbenzene	**0.00222**		0.00200		mg/Kg		01/29/24 14:42	02/04/24 20:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:42	02/04/24 20:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 20:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:42	02/04/24 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/29/24 14:42*	*02/04/24 20:49*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/29/24 14:42*	*02/04/24 20:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00434**		0.00399		mg/Kg			02/04/24 20:49	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 5'

Lab Sample ID: 830-4819-38
Matrix: Solid
Date Collected: 01/22/24 15:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/24 10:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8		mg/Kg		01/29/24 11:20	02/02/24 10:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/29/24 11:20	02/02/24 10:25	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/29/24 11:20	02/02/24 10:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*70 - 130*	*01/29/24 11:20*	*02/02/24 10:25*	*1*
1-Chlorooctane	*82*		*70 - 130*	*01/29/24 11:20*	*02/02/24 10:25*	*1*

Client Sample ID: New Boring 7- @ 10'

Lab Sample ID: 830-4819-39
Matrix: Solid
Date Collected: 01/22/24 15:13
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 21:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 21:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 21:15	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:42	02/04/24 21:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:42	02/04/24 21:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:42	02/04/24 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 21:15*	*1*
1,4-Difluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 21:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 21:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/02/24 10:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 10:45	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 10:45	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:20	02/02/24 10:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*70 - 130*	*01/29/24 11:20*	*02/02/24 10:45*	*1*
1-Chlorooctane	*72*		*70 - 130*	*01/29/24 11:20*	*02/02/24 10:45*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 15'

Lab Sample ID: 830-4819-40
Matrix: Solid
Date Collected: 01/22/24 15:17
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 21:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 21:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 21:41	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/29/24 14:42	02/04/24 21:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 21:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 14:42	02/04/24 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*01/29/24 14:42*	*02/04/24 21:41*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/29/24 14:42*	*02/04/24 21:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/24 21:41	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/24 11:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8		mg/Kg		01/29/24 11:20	02/02/24 11:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/29/24 11:20	02/02/24 11:06	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/29/24 11:20	02/02/24 11:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*115*		*70 - 130*	*01/29/24 11:20*	*02/02/24 11:06*	*1*
1-Chlorooctane	*107*		*70 - 130*	*01/29/24 11:20*	*02/02/24 11:06*	*1*

Client Sample ID: New Boring 7- @ 20'

Lab Sample ID: 830-4819-41
Matrix: Solid
Date Collected: 01/22/24 15:23
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:44	02/03/24 20:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:44	02/03/24 20:34	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:44	02/03/24 20:34	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:44	02/03/24 20:34	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:44	02/03/24 20:34	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:44	02/03/24 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*01/29/24 14:44*	*02/03/24 20:34*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*01/29/24 14:44*	*02/03/24 20:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 20:34	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 20'

Lab Sample ID: 830-4819-41
Matrix: Solid
Date Collected: 01/22/24 15:23
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/03/24 18:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		01/29/24 11:23	02/03/24 18:38	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/29/24 11:23	02/03/24 18:38	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:23	02/03/24 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*128*		*70 - 130*	*01/29/24 11:23*	*02/03/24 18:38*	*1*
1-Chlorooctane	*113*		*70 - 130*	*01/29/24 11:23*	*02/03/24 18:38*	*1*

Client Sample ID: New Boring 7- @ 25'

Lab Sample ID: 830-4819-42
Matrix: Solid
Date Collected: 01/23/24 08:41
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 20:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 20:55	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 20:55	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 20:55	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 20:55	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:44*	*02/03/24 20:55*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/29/24 14:44*	*02/03/24 20:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 20:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/03/24 18:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		01/29/24 11:23	02/03/24 18:58	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/29/24 11:23	02/03/24 18:58	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/29/24 11:23	02/03/24 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*122*		*70 - 130*	*01/29/24 11:23*	*02/03/24 18:58*	*1*
1-Chlorooctane	*108*		*70 - 130*	*01/29/24 11:23*	*02/03/24 18:58*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 30'

Lab Sample ID: 830-4819-43
Matrix: Solid
Date Collected: 01/23/24 08:49
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 21:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 21:15	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 21:15	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 21:15	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 21:15	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*01/29/24 14:44*	*02/03/24 21:15*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*01/29/24 14:44*	*02/03/24 21:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 21:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/24 19:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8		mg/Kg		01/29/24 11:23	02/03/24 19:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/29/24 11:23	02/03/24 19:19	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/29/24 11:23	02/03/24 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*108*		*70 - 130*	*01/29/24 11:23*	*02/03/24 19:19*	*1*
1-Chlorooctane	*97*		*70 - 130*	*01/29/24 11:23*	*02/03/24 19:19*	*1*

Client Sample ID: New Boring 7- @ 40'

Lab Sample ID: 830-4819-44
Matrix: Solid
Date Collected: 01/23/24 09:04
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 21:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 21:36	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/03/24 21:36	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:44	02/03/24 21:36	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/03/24 21:36	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:44	02/03/24 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*01/29/24 14:44*	*02/03/24 21:36*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*01/29/24 14:44*	*02/03/24 21:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 21:36	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 40'

Lab Sample ID: 830-4819-44
Matrix: Solid
Date Collected: 01/23/24 09:04
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/03/24 19:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:23	02/03/24 19:40	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/29/24 11:23	02/03/24 19:40	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:23	02/03/24 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*121*		*70 - 130*	*01/29/24 11:23*	*02/03/24 19:40*	*1*
1-Chlorooctane	*107*		*70 - 130*	*01/29/24 11:23*	*02/03/24 19:40*	*1*

Client Sample ID: New Boring 7- @ 50'

Lab Sample ID: 830-4819-45
Matrix: Solid
Date Collected: 01/23/24 09:11
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:44	02/03/24 21:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:44	02/03/24 21:57	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:44	02/03/24 21:57	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:44	02/03/24 21:57	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:44	02/03/24 21:57	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:44	02/03/24 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/29/24 14:44*	*02/03/24 21:57*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*01/29/24 14:44*	*02/03/24 21:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/24 21:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/03/24 20:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:23	02/03/24 20:00	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/29/24 11:23	02/03/24 20:00	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:23	02/03/24 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*128*		*70 - 130*	*01/29/24 11:23*	*02/03/24 20:00*	*1*
1-Chlorooctane	*113*		*70 - 130*	*01/29/24 11:23*	*02/03/24 20:00*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 0-1'

Lab Sample ID: 830-4819-46
Matrix: Solid
Date Collected: 01/23/24 09:22
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 22:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 22:17	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/03/24 22:17	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:44	02/03/24 22:17	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/03/24 22:17	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:44	02/03/24 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:44*	*02/03/24 22:17*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*01/29/24 14:44*	*02/03/24 22:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/03/24 22:17	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/03/24 21:02	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:23	02/03/24 21:02	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/29/24 11:23	02/03/24 21:02	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:23	02/03/24 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*117*		*70 - 130*	*01/29/24 11:23*	*02/03/24 21:02*	*1*
1-Chlorooctane	*104*		*70 - 130*	*01/29/24 11:23*	*02/03/24 21:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.0**		4.96		mg/Kg			02/01/24 20:56	1

Client Sample ID: New Boring 8- @ 3'

Lab Sample ID: 830-4819-47
Matrix: Solid
Date Collected: 01/23/24 09:26
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:38	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:38	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 22:38	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:38	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/29/24 14:44*	*02/03/24 22:38*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*01/29/24 14:44*	*02/03/24 22:38*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 3'

Lab Sample ID: 830-4819-47
Matrix: Solid
Date Collected: 01/23/24 09:26
Date Received: 01/25/24 13:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 22:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/24 20:21	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:23	02/03/24 20:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:23	02/03/24 20:21	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:23	02/03/24 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*125*		*70 - 130*	*01/29/24 11:23*	*02/03/24 20:21*	*1*
1-Chlorooctane	*109*		*70 - 130*	*01/29/24 11:23*	*02/03/24 20:21*	*1*

Client Sample ID: New Boring 8- @ 5'

Lab Sample ID: 830-4819-48
Matrix: Solid
Date Collected: 01/23/24 09:30
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:59	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:59	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 22:59	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:44	02/03/24 22:59	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:44	02/03/24 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*01/29/24 14:44*	*02/03/24 22:59*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*01/29/24 14:44*	*02/03/24 22:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 22:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/24 20:41	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:23	02/03/24 20:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:23	02/03/24 20:41	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:23	02/03/24 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*122*		*70 - 130*	*01/29/24 11:23*	*02/03/24 20:41*	*1*
1-Chlorooctane	*108*		*70 - 130*	*01/29/24 11:23*	*02/03/24 20:41*	*1*

Eurofins El Paso

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 10'

Lab Sample ID: 830-4819-49
Matrix: Solid
Date Collected: 01/23/24 09:33
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 23:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 23:19	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/03/24 23:19	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:44	02/03/24 23:19	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/03/24 23:19	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:44	02/03/24 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*01/29/24 14:44*	*02/03/24 23:19*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*01/29/24 14:44*	*02/03/24 23:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 23:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**72.5**		50.3		mg/Kg			02/03/24 17:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:23	02/03/24 17:36	1
Diesel Range Organics (Over C10-C28)	**72.5**		50.3		mg/Kg		01/29/24 11:23	02/03/24 17:36	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:23	02/03/24 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*121*		*70 - 130*	*01/29/24 11:23*	*02/03/24 17:36*	*1*
1-Chlorooctane	*108*		*70 - 130*	*01/29/24 11:23*	*02/03/24 17:36*	*1*

Client Sample ID: New Boring 8- @ 15'

Lab Sample ID: 830-4819-50
Matrix: Solid
Date Collected: 01/23/24 09:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**4.59**		0.101		mg/Kg		01/29/24 14:44	02/03/24 23:40	50
Toluene	**19.7**		0.101		mg/Kg		01/29/24 14:44	02/03/24 23:40	50
Ethylbenzene	**60.6**	*+	0.990		mg/Kg		02/05/24 11:33	02/06/24 02:03	500
m,p-Xylenes	**56.7**	*+	1.98		mg/Kg		02/05/24 11:33	02/06/24 02:03	500
o-Xylene	**39.8**		0.990		mg/Kg		02/05/24 11:33	02/06/24 02:03	500
Xylenes, Total	**96.5**	*+	1.98		mg/Kg		02/05/24 11:33	02/06/24 02:03	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*435*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/03/24 23:40*	*50*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*01/29/24 14:44*	*02/03/24 23:40*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**181**		1.98		mg/Kg			02/06/24 02:03	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 15'

Lab Sample ID: 830-4819-50
Matrix: Solid
Date Collected: 01/23/24 09:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1930		49.6		mg/Kg			02/03/24 21:23	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	415		49.6		mg/Kg		01/29/24 11:23	02/03/24 21:23	1
Diesel Range Organics (Over C10-C28)	1320		49.6		mg/Kg		01/29/24 11:23	02/03/24 21:23	1
Oil Range Organics (Over C28-C36)	192		49.6		mg/Kg		01/29/24 11:23	02/03/24 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*70*		*70 - 130*	*01/29/24 11:23*	*02/03/24 21:23*	*1*
1-Chlorooctane	*67*	*S1-*	*70 - 130*	*01/29/24 11:23*	*02/03/24 21:23*	*1*

Client Sample ID: New Boring 8- @ 20'

Lab Sample ID: 830-4819-51
Matrix: Solid
Date Collected: 01/23/24 09:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100		mg/Kg		01/29/24 14:44	02/04/24 02:06	50
Toluene	2.77		0.100		mg/Kg		01/29/24 14:44	02/04/24 02:06	50
Ethylbenzene	4.89	*+	0.100		mg/Kg		01/29/24 14:44	02/04/24 02:06	50
m,p-Xylenes	4.55	*+	0.200		mg/Kg		01/29/24 14:44	02/04/24 02:06	50
o-Xylene	1.86	*+	0.100		mg/Kg		01/29/24 14:44	02/04/24 02:06	50
Xylenes, Total	6.41	*+	0.200		mg/Kg		01/29/24 14:44	02/04/24 02:06	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 02:06*	*50*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*01/29/24 14:44*	*02/04/24 02:06*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.1		0.200		mg/Kg			02/04/24 02:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1060		50.3		mg/Kg			02/03/24 22:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	238		50.3		mg/Kg		01/29/24 11:23	02/03/24 22:04	1
Diesel Range Organics (Over C10-C28)	723		50.3		mg/Kg		01/29/24 11:23	02/03/24 22:04	1
Oil Range Organics (Over C28-C36)	103		50.3		mg/Kg		01/29/24 11:23	02/03/24 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*99*		*70 - 130*	*01/29/24 11:23*	*02/03/24 22:04*	*1*
1-Chlorooctane	*93*		*70 - 130*	*01/29/24 11:23*	*02/03/24 22:04*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 25'

Lab Sample ID: 830-4819-52
Matrix: Solid
Date Collected: 01/23/24 09:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.450		0.0996		mg/Kg		01/29/24 14:44	02/04/24 02:26	50
Toluene	17.8		0.497		mg/Kg		02/02/24 10:19	02/05/24 13:07	250
Ethylbenzene	18.4	*+	0.497		mg/Kg		02/02/24 10:19	02/05/24 13:07	250
m,p-Xylenes	22.8	*+	0.199		mg/Kg		01/29/24 14:44	02/04/24 02:26	50
o-Xylene	10.0	*+	0.0996		mg/Kg		01/29/24 14:44	02/04/24 02:26	50
Xylenes, Total	32.8	*+	0.199		mg/Kg		01/29/24 14:44	02/04/24 02:26	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*257*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 02:26*	*50*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:44*	*02/04/24 02:26*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	69.5		0.497		mg/Kg			02/05/24 13:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	518		50.1		mg/Kg			02/03/24 22:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:23	02/03/24 22:25	1
Diesel Range Organics (Over C10-C28)	449		50.1		mg/Kg		01/29/24 11:23	02/03/24 22:25	1
Oil Range Organics (Over C28-C36)	69.0		50.1		mg/Kg		01/29/24 11:23	02/03/24 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*70 - 130*	*01/29/24 11:23*	*02/03/24 22:25*	*1*
1-Chlorooctane	*85*		*70 - 130*	*01/29/24 11:23*	*02/03/24 22:25*	*1*

Client Sample ID: New Boring 8- @ 30'

Lab Sample ID: 830-4819-53
Matrix: Solid
Date Collected: 01/23/24 10:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.09		0.0994		mg/Kg		01/29/24 14:44	02/04/24 02:47	50
Toluene	63.8		1.99		mg/Kg		02/02/24 10:19	02/05/24 14:08	1000
Ethylbenzene	63.8	*+	1.99		mg/Kg		02/02/24 10:19	02/05/24 14:08	1000
m,p-Xylenes	55.5	*+	3.98		mg/Kg		02/02/24 10:19	02/05/24 14:08	1000
o-Xylene	28.4	*+	1.99		mg/Kg		02/02/24 10:19	02/05/24 14:08	1000
Xylenes, Total	83.9	*+	3.98		mg/Kg		02/02/24 10:19	02/05/24 14:08	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*384*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 02:47*	*50*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*01/29/24 14:44*	*02/04/24 02:47*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	214		3.98		mg/Kg			02/05/24 14:08	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 30'

Lab Sample ID: 830-4819-53
Matrix: Solid
Date Collected: 01/23/24 10:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1800		50.1		mg/Kg			02/03/24 22:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	334		50.1		mg/Kg		01/29/24 11:23	02/03/24 22:45	1
Diesel Range Organics (Over C10-C28)	1280		50.1		mg/Kg		01/29/24 11:23	02/03/24 22:45	1
Oil Range Organics (Over C28-C36)	184		50.1		mg/Kg		01/29/24 11:23	02/03/24 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*111*		*70 - 130*	*01/29/24 11:23*	*02/03/24 22:45*	*1*
1-Chlorooctane	*102*		*70 - 130*	*01/29/24 11:23*	*02/03/24 22:45*	*1*

Client Sample ID: New Boring 8- @ 40'

Lab Sample ID: 830-4819-54
Matrix: Solid
Date Collected: 01/23/24 10:18
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	17.8		1.98		mg/Kg		02/02/24 10:19	02/05/24 14:29	1000
Toluene	227		1.98		mg/Kg		02/02/24 10:19	02/05/24 14:29	1000
Ethylbenzene	144	*+	1.98		mg/Kg		02/02/24 10:19	02/05/24 14:29	1000
m,p-Xylenes	123	*+	3.96		mg/Kg		02/02/24 10:19	02/05/24 14:29	1000
o-Xylene	51.2	*+	1.98		mg/Kg		02/02/24 10:19	02/05/24 14:29	1000
Xylenes, Total	174	*+	3.96		mg/Kg		02/02/24 10:19	02/05/24 14:29	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*460*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 03:07*	*50*
1,4-Difluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 03:07*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	563		3.96		mg/Kg			02/05/24 14:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	11800		253		mg/Kg			02/03/24 23:06	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	3560		253		mg/Kg		01/29/24 11:23	02/03/24 23:06	5
Diesel Range Organics (Over C10-C28)	7150		253		mg/Kg		01/29/24 11:23	02/03/24 23:06	5
Oil Range Organics (Over C28-C36)	1130		253		mg/Kg		01/29/24 11:23	02/03/24 23:06	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*125*		*70 - 130*	*01/29/24 11:23*	*02/03/24 23:06*	*5*
1-Chlorooctane	*162*	*S1+*	*70 - 130*	*01/29/24 11:23*	*02/03/24 23:06*	*5*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 50'

Lab Sample ID: 830-4819-55
Matrix: Solid
Date Collected: 01/23/24 10:31
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.57		0.100		mg/Kg		01/29/24 14:44	02/04/24 03:28	50
Toluene	99.3		2.00		mg/Kg		02/02/24 10:19	02/05/24 14:49	1000
Ethylbenzene	91.6	*+	2.00		mg/Kg		02/02/24 10:19	02/05/24 14:49	1000
m,p-Xylenes	77.4	*+	3.99		mg/Kg		02/02/24 10:19	02/05/24 14:49	1000
o-Xylene	32.7	*+	2.00		mg/Kg		02/02/24 10:19	02/05/24 14:49	1000
Xylenes, Total	110	*+	3.99		mg/Kg		02/02/24 10:19	02/05/24 14:49	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*457*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 03:28*	*50*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:44*	*02/04/24 03:28*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	306		3.99		mg/Kg			02/05/24 14:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6870		249		mg/Kg			02/15/24 17:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1130		249		mg/Kg		02/06/24 11:23	02/15/24 17:42	5
Diesel Range Organics (Over C10-C28)	5740		249		mg/Kg		02/06/24 11:23	02/15/24 17:42	5
OII Range Organics (Over C28-C36)	<249	U	249		mg/Kg		02/06/24 11:23	02/15/24 17:42	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*02/06/24 11:23*	*02/15/24 17:42*	*5*
o-Terphenyl (Surr)	*87*		*70 - 130*	*02/06/24 11:23*	*02/15/24 17:42*	*5*

Client Sample ID: New Boring 8- @ 60'

Lab Sample ID: 830-4819-56
Matrix: Solid
Date Collected: 01/23/24 10:41
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.214		0.0996		mg/Kg		01/29/24 14:44	02/04/24 03:48	50
Toluene	3.87		0.0996		mg/Kg		01/29/24 14:44	02/04/24 03:48	50
Ethylbenzene	8.33	*+	0.0996		mg/Kg		01/29/24 14:44	02/04/24 03:48	50
m,p-Xylenes	7.02	*+	0.199		mg/Kg		01/29/24 14:44	02/04/24 03:48	50
o-Xylene	3.34	*+	0.0996		mg/Kg		01/29/24 14:44	02/04/24 03:48	50
Xylenes, Total	10.4	*+	0.199		mg/Kg		01/29/24 14:44	02/04/24 03:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*189*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 03:48*	*50*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:44*	*02/04/24 03:48*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	22.8		0.199		mg/Kg			02/04/24 03:48	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 60'

Lab Sample ID: 830-4819-56
Matrix: Solid
Date Collected: 01/23/24 10:41
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**860**		49.7		mg/Kg			02/03/24 23:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:23	02/03/24 23:47	1
Diesel Range Organics (Over C10-C28)	**751**		49.7		mg/Kg		01/29/24 11:23	02/03/24 23:47	1
Oil Range Organics (Over C28-C36)	**109**		49.7		mg/Kg		01/29/24 11:23	02/03/24 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*22*	*S1-*	*70 - 130*	*01/29/24 11:23*	*02/03/24 23:47*	*1*
1-Chlorooctane	*23*	*S1-*	*70 - 130*	*01/29/24 11:23*	*02/03/24 23:47*	*1*

Client Sample ID: New Boring 8- @ 70'

Lab Sample ID: 830-4819-57
Matrix: Solid
Date Collected: 01/23/24 10:52
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:44	02/04/24 01:05	1
Toluene	**0.0546**		0.00199		mg/Kg		01/29/24 14:44	02/04/24 01:05	1
Ethylbenzene	**0.245**	*+	0.00199		mg/Kg		01/29/24 14:44	02/04/24 01:05	1
m,p-Xylenes	**0.239**	*+	0.00398		mg/Kg		01/29/24 14:44	02/04/24 01:05	1
o-Xylene	**0.134**	*+	0.00199		mg/Kg		01/29/24 14:44	02/04/24 01:05	1
Xylenes, Total	**0.373**	*+	0.00398		mg/Kg		01/29/24 14:44	02/04/24 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*163*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 01:05*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/29/24 14:44*	*02/04/24 01:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.673**		0.00398		mg/Kg			02/04/24 01:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**422**		50.4		mg/Kg			02/04/24 00:08	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		01/29/24 11:23	02/04/24 00:08	1
Diesel Range Organics (Over C10-C28)	**361**		50.4		mg/Kg		01/29/24 11:23	02/04/24 00:08	1
Oil Range Organics (Over C28-C36)	**60.7**		50.4		mg/Kg		01/29/24 11:23	02/04/24 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*97*		*70 - 130*	*01/29/24 11:23*	*02/04/24 00:08*	*1*
1-Chlorooctane	*87*		*70 - 130*	*01/29/24 11:23*	*02/04/24 00:08*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 80'

Lab Sample ID: 830-4819-58
Matrix: Solid
Date Collected: 01/23/24 10:58
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.202		0.0998		mg/Kg		01/29/24 14:44	02/04/24 04:08	50
Toluene	1.71		0.0998		mg/Kg		01/29/24 14:44	02/04/24 04:08	50
Ethylbenzene	3.24	*+	0.0998		mg/Kg		01/29/24 14:44	02/04/24 04:08	50
m,p-Xylenes	3.41	*+	0.200		mg/Kg		01/29/24 14:44	02/04/24 04:08	50
o-Xylene	1.40	*+	0.0998		mg/Kg		01/29/24 14:44	02/04/24 04:08	50
Xylenes, Total	4.81	*+	0.200		mg/Kg		01/29/24 14:44	02/04/24 04:08	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*166*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 04:08*	*50*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*01/29/24 14:44*	*02/04/24 04:08*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.96		0.200		mg/Kg			02/04/24 04:08	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1300		50.2		mg/Kg			02/04/24 00:28	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	103		50.2		mg/Kg		01/29/24 11:23	02/04/24 00:28	1
Diesel Range Organics (Over C10-C28)	1040		50.2		mg/Kg		01/29/24 11:23	02/04/24 00:28	1
Oil Range Organics (Over C28-C36)	152		50.2		mg/Kg		01/29/24 11:23	02/04/24 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*84*		*70 - 130*	*01/29/24 11:23*	*02/04/24 00:28*	*1*
1-Chlorooctane	*78*		*70 - 130*	*01/29/24 11:23*	*02/04/24 00:28*	*1*

Client Sample ID: New Boring 8- @ 90'

Lab Sample ID: 830-4819-59
Matrix: Solid
Date Collected: 01/23/24 11:06
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00227		0.00201		mg/Kg		01/29/24 14:44	02/04/24 01:25	1
Toluene	0.0415		0.00201		mg/Kg		01/29/24 14:44	02/04/24 01:25	1
Ethylbenzene	0.0728	*+	0.00201		mg/Kg		01/29/24 14:44	02/04/24 01:25	1
m,p-Xylenes	0.0702	*+	0.00402		mg/Kg		01/29/24 14:44	02/04/24 01:25	1
o-Xylene	0.0521	*+	0.00201		mg/Kg		01/29/24 14:44	02/04/24 01:25	1
Xylenes, Total	0.122	*+	0.00402		mg/Kg		01/29/24 14:44	02/04/24 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*01/29/24 14:44*	*02/04/24 01:25*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*01/29/24 14:44*	*02/04/24 01:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.239		0.00402		mg/Kg			02/04/24 01:25	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 90'

Lab Sample ID: 830-4819-59
Matrix: Solid
Date Collected: 01/23/24 11:06
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**93.8**		49.9		mg/Kg			02/04/24 00:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:23	02/04/24 00:49	1
Diesel Range Organics (Over C10-C28)	**93.8**		49.9		mg/Kg		01/29/24 11:23	02/04/24 00:49	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:23	02/04/24 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*107*		*70 - 130*	*01/29/24 11:23*	*02/04/24 00:49*	*1*
1-Chlorooctane	*96*		*70 - 130*	*01/29/24 11:23*	*02/04/24 00:49*	*1*

Client Sample ID: New Boring 8- @ 100'

Lab Sample ID: 830-4819-60
Matrix: Solid
Date Collected: 01/23/24 11:12
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/04/24 01:46	1
Toluene	**0.00391**		0.00200		mg/Kg		01/29/24 14:44	02/04/24 01:46	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/04/24 01:46	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:44	02/04/24 01:46	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:44	02/04/24 01:46	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:44	02/04/24 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:44*	*02/04/24 01:46*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*01/29/24 14:44*	*02/04/24 01:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/24 01:46	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/04/24 01:10	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:23	02/04/24 01:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:23	02/04/24 01:10	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:23	02/04/24 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*116*		*70 - 130*	*01/29/24 11:23*	*02/04/24 01:10*	*1*
1-Chlorooctane	*103*		*70 - 130*	*01/29/24 11:23*	*02/04/24 01:10*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: TB-01-23-24-01

Lab Sample ID: 830-4819-61
Matrix: Water
Date Collected: 01/23/24 00:00
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			01/30/24 13:11	1
Toluene	<0.00200	U	0.00200		mg/L			01/30/24 13:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			01/30/24 13:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L			01/30/24 13:11	1
o-Xylene	<0.00200	U	0.00200		mg/L			01/30/24 13:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			01/30/24 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*		*01/30/24 13:11*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*		*01/30/24 13:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/L			01/30/24 13:11	1

Client Sample ID: New Boring 9- @ 0-1 '

Lab Sample ID: 830-4819-62
Matrix: Solid
Date Collected: 01/23/24 12:40
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:47	02/04/24 17:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:47	02/04/24 17:48	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:47	02/04/24 17:48	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:47	02/04/24 17:48	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:47	02/04/24 17:48	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:47	02/04/24 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 17:48*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*01/29/24 14:47*	*02/04/24 17:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 17:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/04/24 03:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		01/29/24 11:25	02/04/24 03:55	1
Diesel Range Organics (Over C10-C28)	<50.2	U *1	50.2		mg/Kg		01/29/24 11:25	02/04/24 03:55	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:25	02/04/24 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*137*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/04/24 03:55*	*1*
1-Chlorooctane	*122*		*70 - 130*	*01/29/24 11:25*	*02/04/24 03:55*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 0-1 '

Lab Sample ID: 830-4819-62
Matrix: Solid
Date Collected: 01/23/24 12:40
Date Received: 01/25/24 13:43

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.4		4.95		mg/Kg			02/01/24 21:16	1

Client Sample ID: New Boring 9- @ 3'

Lab Sample ID: 830-4819-63
Matrix: Solid
Date Collected: 01/23/24 12:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:09	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:09	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 18:09	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:09	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 18:09*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*01/29/24 14:47*	*02/04/24 18:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 18:09	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/04/24 04:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:25	02/04/24 04:16	1
Diesel Range Organics (Over C10-C28)	<50.5	U *1	50.5		mg/Kg		01/29/24 11:25	02/04/24 04:16	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:25	02/04/24 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*118*		*70 - 130*	*01/29/24 11:25*	*02/04/24 04:16*	*1*
1-Chlorooctane	*104*		*70 - 130*	*01/29/24 11:25*	*02/04/24 04:16*	*1*

Client Sample ID: New Boring 9- @ 5'

Lab Sample ID: 830-4819-64
Matrix: Solid
Date Collected: 01/23/24 12:50
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:29	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:29	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 18:29	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 18:29	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 18:29	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 5'

Lab Sample ID: 830-4819-64
Matrix: Solid
Date Collected: 01/23/24 12:50
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*01/29/24 14:47*	*02/04/24 18:29*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/29/24 14:47*	*02/04/24 18:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			02/04/24 18:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**97.2**		49.7	mg/Kg			02/04/24 02:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U F1	49.7	mg/Kg		01/29/24 11:25	02/04/24 02:53	1
Diesel Range Organics (Over C10-C28)	**97.2**	***1 F1**	49.7	mg/Kg		01/29/24 11:25	02/04/24 02:53	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		01/29/24 11:25	02/04/24 02:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*83*		*70 - 130*	*01/29/24 11:25*	*02/04/24 02:53*	*1*
1-Chlorooctane	*74*		*70 - 130*	*01/29/24 11:25*	*02/04/24 02:53*	*1*

Client Sample ID: New Boring 9- @ 10'

Lab Sample ID: 830-4819-65
Matrix: Solid
Date Collected: 01/23/24 12:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 18:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 18:49	1
Ethylbenzene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:47	02/04/24 18:49	1
m,p-Xylenes	<0.00399	U *+	0.00399	mg/Kg		01/29/24 14:47	02/04/24 18:49	1
o-Xylene	<0.00200	U *+	0.00200	mg/Kg		01/29/24 14:47	02/04/24 18:49	1
Xylenes, Total	<0.00399	U *+	0.00399	mg/Kg		01/29/24 14:47	02/04/24 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 18:49*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*01/29/24 14:47*	*02/04/24 18:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/04/24 18:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/04/24 04:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0	mg/Kg		01/29/24 11:25	02/04/24 04:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/29/24 11:25	02/04/24 04:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/29/24 11:25	02/04/24 04:36	1

Eurofins El Paso

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 10'

Lab Sample ID: 830-4819-65
Matrix: Solid
Date Collected: 01/23/24 12:55
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*116*		*70 - 130*	*01/29/24 11:25*	*02/04/24 04:36*	*1*
1-Chlorooctane	*102*		*70 - 130*	*01/29/24 11:25*	*02/04/24 04:36*	*1*

Client Sample ID: New Boring 9- @ 15'

Lab Sample ID: 830-4819-66
Matrix: Solid
Date Collected: 01/23/24 13:00
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:47	02/04/24 19:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:47	02/04/24 19:10	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:47	02/04/24 19:10	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:47	02/04/24 19:10	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:47	02/04/24 19:10	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:47	02/04/24 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*01/29/24 14:47*	*02/04/24 19:10*	*1*
1,4-Difluorobenzene (Surr)	*57*	*S1-*	*70 - 130*	*01/29/24 14:47*	*02/04/24 19:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 19:10	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/04/24 04:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:25	02/04/24 04:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		01/29/24 11:25	02/04/24 04:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:25	02/04/24 04:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*123*		*70 - 130*	*01/29/24 11:25*	*02/04/24 04:57*	*1*
1-Chlorooctane	*109*		*70 - 130*	*01/29/24 11:25*	*02/04/24 04:57*	*1*

Client Sample ID: New Boring 9- @ 20'

Lab Sample ID: 830-4819-67
Matrix: Solid
Date Collected: 01/23/24 13:07
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:47	02/04/24 19:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:47	02/04/24 19:30	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:47	02/04/24 19:30	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:47	02/04/24 19:30	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:47	02/04/24 19:30	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:47	02/04/24 19:30	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 20'

Lab Sample ID: 830-4819-67

Date Collected: 01/23/24 13:07
Matrix: Solid
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 19:30*	*1*
1,4-Difluorobenzene (Surr)	*62*	*S1-*	*70 - 130*	*01/29/24 14:47*	*02/04/24 19:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/24 19:30	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/24 05:18	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8		mg/Kg		01/29/24 11:25	02/04/24 05:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		01/29/24 11:25	02/04/24 05:18	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/29/24 11:25	02/04/24 05:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*116*		*70 - 130*	*01/29/24 11:25*	*02/04/24 05:18*	*1*
1-Chlorooctane	*101*		*70 - 130*	*01/29/24 11:25*	*02/04/24 05:18*	*1*

Client Sample ID: New Boring 9- @ 25'

Lab Sample ID: 830-4819-68

Date Collected: 01/23/24 13:15
Matrix: Solid
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 19:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 19:51	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 19:51	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 19:51	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 19:51	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*01/29/24 14:47*	*02/04/24 19:51*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*01/29/24 14:47*	*02/04/24 19:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 19:51	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/04/24 05:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:25	02/04/24 05:38	1
Diesel Range Organics (Over C10-C28)	<49.6	U *1	49.6		mg/Kg		01/29/24 11:25	02/04/24 05:38	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:25	02/04/24 05:38	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 25'

Lab Sample ID: 830-4819-68
Matrix: Solid
Date Collected: 01/23/24 13:15
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*77*		*70 - 130*	*01/29/24 11:25*	*02/04/24 05:38*	*1*
1-Chlorooctane	*70*		*70 - 130*	*01/29/24 11:25*	*02/04/24 05:38*	*1*

Client Sample ID: New Boring 9- @ 30'

Lab Sample ID: 830-4819-69
Matrix: Solid
Date Collected: 01/23/24 13:20
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 20:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 20:11	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 20:11	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 20:11	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 20:11	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 20:11*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*01/29/24 14:47*	*02/04/24 20:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 20:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/09/24 14:41	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:25	02/09/24 14:41	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		01/29/24 11:25	02/09/24 14:41	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:25	02/09/24 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*162*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/09/24 14:41*	*1*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/09/24 14:41*	*1*

Client Sample ID: New Boring 9- @ 40'

Lab Sample ID: 830-4819-70
Matrix: Solid
Date Collected: 01/23/24 13:30
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:47	02/04/24 20:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:47	02/04/24 20:32	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:47	02/04/24 20:32	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:47	02/04/24 20:32	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:47	02/04/24 20:32	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:47	02/04/24 20:32	1

Client Sample Results

Client: TRC Solutions, Inc. Job ID: 830-4819-1
Project/Site: COP BKU 568435

Client Sample ID: New Boring 9- @ 40'
Lab Sample ID: 830-4819-70
Date Collected: 01/23/24 13:30 **Matrix: Solid**
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*01/29/24 14:47*	*02/04/24 20:32*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/29/24 14:47*	*02/04/24 20:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/24 20:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/04/24 06:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		01/29/24 11:25	02/04/24 06:20	1
Diesel Range Organics (Over C10-C28)	<50.4	U *1	50.4		mg/Kg		01/29/24 11:25	02/04/24 06:20	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/29/24 11:25	02/04/24 06:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*118*		*70 - 130*	*01/29/24 11:25*	*02/04/24 06:20*	*1*
1-Chlorooctane	*104*		*70 - 130*	*01/29/24 11:25*	*02/04/24 06:20*	*1*

Client Sample ID: New Boring 9- @ 50'
Lab Sample ID: 830-4819-71
Date Collected: 01/23/24 13:40 **Matrix: Solid**
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:47	02/04/24 20:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:47	02/04/24 20:52	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:47	02/04/24 20:52	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:47	02/04/24 20:52	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:47	02/04/24 20:52	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:47	02/04/24 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*01/29/24 14:47*	*02/04/24 20:52*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*01/29/24 14:47*	*02/04/24 20:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 20:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/04/24 06:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		01/29/24 11:25	02/04/24 06:40	1
Diesel Range Organics (Over C10-C28)	<50.4	U *1	50.4		mg/Kg		01/29/24 11:25	02/04/24 06:40	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/29/24 11:25	02/04/24 06:40	1

Eurofins El Paso

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 50'

Lab Sample ID: 830-4819-71
Matrix: Solid
Date Collected: 01/23/24 13:40
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*100*		*70 - 130*	*01/29/24 11:25*	*02/04/24 06:40*	*1*
1-Chlorooctane	*88*		*70 - 130*	*01/29/24 11:25*	*02/04/24 06:40*	*1*

Client Sample ID: New Boring 10- @ 0-1 '

Lab Sample ID: 830-4819-72
Matrix: Solid
Date Collected: 01/23/24 13:45
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:47	02/04/24 22:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:47	02/04/24 22:14	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:47	02/04/24 22:14	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:47	02/04/24 22:14	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:47	02/04/24 22:14	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:47	02/04/24 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 22:14*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*01/29/24 14:47*	*02/04/24 22:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/24 22:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/09/24 15:02	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:25	02/09/24 15:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		01/29/24 11:25	02/09/24 15:02	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:25	02/09/24 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*154*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/09/24 15:02*	*1*
1-Chlorooctane	*136*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/09/24 15:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.28**		4.95		mg/Kg			02/01/24 21:23	1

Client Sample ID: New Boring 10- @ 3 '

Lab Sample ID: 830-4819-73
Matrix: Solid
Date Collected: 01/23/24 13:51
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:34	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:34	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 22:34	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 3 '

Lab Sample ID: 830-4819-73
Matrix: Solid
Date Collected: 01/23/24 13:51
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:34	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*01/29/24 14:47*	*02/04/24 22:34*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*01/29/24 14:47*	*02/04/24 22:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 22:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/04/24 07:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:25	02/04/24 07:42	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		01/29/24 11:25	02/04/24 07:42	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:25	02/04/24 07:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*110*		*70 - 130*	*01/29/24 11:25*	*02/04/24 07:42*	*1*
1-Chlorooctane	*97*		*70 - 130*	*01/29/24 11:25*	*02/04/24 07:42*	*1*

Client Sample ID: New Boring 10- @ 5 '

Lab Sample ID: 830-4819-74
Matrix: Solid
Date Collected: 01/23/24 13:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:55	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:55	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 22:55	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:47	02/04/24 22:55	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:47	02/04/24 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:47*	*02/04/24 22:55*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*01/29/24 14:47*	*02/04/24 22:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 22:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/04/24 08:03	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 5 '

Lab Sample ID: 830-4819-74
Matrix: Solid
Date Collected: 01/23/24 13:55
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:25	02/04/24 08:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		01/29/24 11:25	02/04/24 08:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:25	02/04/24 08:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*70 - 130*	*01/29/24 11:25*	*02/04/24 08:03*	*1*
1-Chlorooctane	*84*		*70 - 130*	*01/29/24 11:25*	*02/04/24 08:03*	*1*

Client Sample ID: New Boring 10- @ 10 '

Lab Sample ID: 830-4819-75
Matrix: Solid
Date Collected: 01/23/24 14:01
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:47	02/04/24 23:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:47	02/04/24 23:15	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:47	02/04/24 23:15	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:47	02/04/24 23:15	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:47	02/04/24 23:15	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:47	02/04/24 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:47*	*02/04/24 23:15*	*1*
1,4-Difluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*01/29/24 14:47*	*02/04/24 23:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/24 23:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/04/24 08:23	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:25	02/04/24 08:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		01/29/24 11:25	02/04/24 08:23	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:25	02/04/24 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*101*		*70 - 130*	*01/29/24 11:25*	*02/04/24 08:23*	*1*
1-Chlorooctane	*90*		*70 - 130*	*01/29/24 11:25*	*02/04/24 08:23*	*1*

Client Sample ID: New Boring 10- @ 15 '

Lab Sample ID: 830-4819-76
Matrix: Solid
Date Collected: 01/23/24 14:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:47	02/04/24 23:36	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 15 '

Lab Sample ID: 830-4819-76
Matrix: Solid
Date Collected: 01/23/24 14:05
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**0.00345**		0.00201		mg/Kg		01/29/24 14:47	02/04/24 23:36	1
Ethylbenzene	**0.150**	*+	0.00201		mg/Kg		01/29/24 14:47	02/04/24 23:36	1
m,p-Xylenes	**0.218**	*+	0.00402		mg/Kg		01/29/24 14:47	02/04/24 23:36	1
o-Xylene	**0.156**	*+	0.00201		mg/Kg		01/29/24 14:47	02/04/24 23:36	1
Xylenes, Total	**0.374**	*+	0.00402		mg/Kg		01/29/24 14:47	02/04/24 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*232*	*S1+*	*70 - 130*	*01/29/24 14:47*	*02/04/24 23:36*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:47*	*02/04/24 23:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.527**		0.00402		mg/Kg			02/04/24 23:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1020**		49.9		mg/Kg			02/04/24 08:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:25	02/04/24 08:44	1
Diesel Range Organics (Over C10-C28)	**893**	*1	49.9		mg/Kg		01/29/24 11:25	02/04/24 08:44	1
Oil Range Organics (Over C28-C36)	**130**		49.9		mg/Kg		01/29/24 11:25	02/04/24 08:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*211*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/04/24 08:44*	*1*
1-Chlorooctane	*198*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/04/24 08:44*	*1*

Client Sample ID: New Boring 10- @ 20 '

Lab Sample ID: 830-4819-77
Matrix: Solid
Date Collected: 01/23/24 14:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0996	U	0.0996		mg/Kg		01/29/24 14:47	02/05/24 00:58	50
Toluene	**3.35**		0.0996		mg/Kg		01/29/24 14:47	02/05/24 00:58	50
Ethylbenzene	**8.70**	*+	0.0996		mg/Kg		01/29/24 14:47	02/05/24 00:58	50
m,p-Xylenes	**9.88**	*+	0.199		mg/Kg		01/29/24 14:47	02/05/24 00:58	50
o-Xylene	**1.31**	*+	0.0996		mg/Kg		01/29/24 14:47	02/05/24 00:58	50
Xylenes, Total	**11.2**	*+	0.199		mg/Kg		01/29/24 14:47	02/05/24 00:58	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*239*	*S1+*	*70 - 130*	*01/29/24 14:47*	*02/05/24 00:58*	*50*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:47*	*02/05/24 00:58*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**23.2**		0.199		mg/Kg			02/05/24 00:58	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 20 '

Lab Sample ID: 830-4819-77
Matrix: Solid
Date Collected: 01/23/24 14:10
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**435**		50.3		mg/Kg			02/04/24 09:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**64.2**		50.3		mg/Kg		01/29/24 11:25	02/04/24 09:05	1
Diesel Range Organics (Over C10-C28)	**320**	***1**	50.3		mg/Kg		01/29/24 11:25	02/04/24 09:05	1
Oil Range Organics (Over C28-C36)	**50.9**		50.3		mg/Kg		01/29/24 11:25	02/04/24 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*101*		*70 - 130*	*01/29/24 11:25*	*02/04/24 09:05*	*1*
1-Chlorooctane	*92*		*70 - 130*	*01/29/24 11:25*	*02/04/24 09:05*	*1*

Client Sample ID: New Boring 10- @ 25 '

Lab Sample ID: 830-4819-78
Matrix: Solid
Date Collected: 01/23/24 14:19
Date Received: 01/25/24 13:43

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		01/29/24 14:47	02/05/24 01:18	50
Toluene	**6.47**		0.0994		mg/Kg		01/29/24 14:47	02/05/24 01:18	50
Ethylbenzene	**22.1**	***+**	1.00		mg/Kg		02/02/24 10:19	02/05/24 13:48	500
m,p-Xylenes	**24.3**	***+**	0.199		mg/Kg		01/29/24 14:47	02/05/24 01:18	50
o-Xylene	**12.8**	***+**	0.0994		mg/Kg		01/29/24 14:47	02/05/24 01:18	50
Xylenes, Total	**37.1**	***+**	0.199		mg/Kg		01/29/24 14:47	02/05/24 01:18	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*352*	*S1+*	*70 - 130*	*01/29/24 14:47*	*02/05/24 01:18*	*50*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:47*	*02/05/24 01:18*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**65.7**		1.00		mg/Kg			02/05/24 13:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**4970**		50.1		mg/Kg			02/09/24 15:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**637**		50.1		mg/Kg		01/29/24 11:25	02/09/24 15:44	1
Diesel Range Organics (Over C10-C28)	**4330**	***1**	50.1		mg/Kg		01/29/24 11:25	02/09/24 15:44	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:25	02/09/24 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*162*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/09/24 15:44*	*1*
1-Chlorooctane	*165*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/09/24 15:44*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 30 '

Lab Sample ID: 830-4819-79
Matrix: Solid
Date Collected: 01/23/24 14:22
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00337		0.00200		mg/Kg		01/29/24 14:47	02/04/24 23:56	1
Toluene	2.06		0.499		mg/Kg		02/02/24 10:19	02/05/24 13:27	250
Ethylbenzene	6.36	*+	0.499		mg/Kg		02/02/24 10:19	02/05/24 13:27	250
m,p-Xylenes	7.23	*+	0.998		mg/Kg		02/02/24 10:19	02/05/24 13:27	250
o-Xylene	3.68	*+	0.499		mg/Kg		02/02/24 10:19	02/05/24 13:27	250
Xylenes, Total	10.9	*+	0.998		mg/Kg		02/02/24 10:19	02/05/24 13:27	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*282*	*S1+*	*70 - 130*	*01/29/24 14:47*	*02/04/24 23:56*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/29/24 14:47*	*02/04/24 23:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	19.3		0.998		mg/Kg			02/05/24 13:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	833		50.5		mg/Kg			02/04/24 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	87.7		50.5		mg/Kg		01/29/24 11:25	02/04/24 09:46	1
Diesel Range Organics (Over C10-C28)	647	*1	50.5		mg/Kg		01/29/24 11:25	02/04/24 09:46	1
Oil Range Organics (Over C28-C36)	98.7		50.5		mg/Kg		01/29/24 11:25	02/04/24 09:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*70 - 130*	*01/29/24 11:25*	*02/04/24 09:46*	*1*
1-Chlorooctane	*86*		*70 - 130*	*01/29/24 11:25*	*02/04/24 09:46*	*1*

Client Sample ID: New Boring 10- @ 40 '

Lab Sample ID: 830-4819-80
Matrix: Solid
Date Collected: 01/23/24 14:27
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:47	02/05/24 00:17	1
Toluene	0.0101		0.00201		mg/Kg		01/29/24 14:47	02/05/24 00:17	1
Ethylbenzene	0.240	*+	0.00201		mg/Kg		01/29/24 14:47	02/05/24 00:17	1
m,p-Xylenes	0.327	*+	0.00402		mg/Kg		01/29/24 14:47	02/05/24 00:17	1
o-Xylene	0.233	*+	0.00201		mg/Kg		01/29/24 14:47	02/05/24 00:17	1
Xylenes, Total	0.560	*+	0.00402		mg/Kg		01/29/24 14:47	02/05/24 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*204*	*S1+*	*70 - 130*	*01/29/24 14:47*	*02/05/24 00:17*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*01/29/24 14:47*	*02/05/24 00:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.810		0.00402		mg/Kg			02/05/24 00:17	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 40 '

Lab Sample ID: 830-4819-80
Matrix: Solid
Date Collected: 01/23/24 14:27
Date Received: 01/25/24 13:43

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2580**		49.8		mg/Kg			02/13/24 16:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**136**	**H**	49.8		mg/Kg		01/29/24 11:25	02/13/24 16:55	1
Diesel Range Organics (Over C10-C28)	**2440**	**H *1**	49.8		mg/Kg		01/29/24 11:25	02/13/24 16:55	1
OII Range Organics (Over C28-C36)	<49.8	U H	49.8		mg/Kg		01/29/24 11:25	02/13/24 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*201*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/13/24 16:55*	*1*
1-Chlorooctane	*183*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/13/24 16:55*	*1*

Client Sample ID: New Boring 10- @ 50 '

Lab Sample ID: 830-4819-81
Matrix: Solid
Date Collected: 01/23/24 14:33
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		01/29/24 14:50	02/02/24 19:33	1
Toluene	**0.0267**	**F2 F1**	0.00201		mg/Kg		01/29/24 14:50	02/02/24 19:33	1
Ethylbenzene	**0.343**	**F2 F1**	0.00201		mg/Kg		01/29/24 14:50	02/02/24 19:33	1
m,p-Xylenes	**0.492**	**F2 F1**	0.00402		mg/Kg		01/29/24 14:50	02/02/24 19:33	1
o-Xylene	**0.326**	**F2 F1**	0.00201		mg/Kg		01/29/24 14:50	02/02/24 19:33	1
Xylenes, Total	**0.818**	**F2 F1**	0.00402		mg/Kg		01/29/24 14:50	02/02/24 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*176*	*S1+*	*70 - 130*	*01/29/24 14:50*	*02/02/24 19:33*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/29/24 14:50*	*02/02/24 19:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1.19**		0.00402		mg/Kg			02/02/24 19:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2060**		49.6		mg/Kg			02/09/24 16:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**73.2**		49.6		mg/Kg		01/29/24 11:25	02/09/24 16:28	1
Diesel Range Organics (Over C10-C28)	**1990**	***1**	49.6		mg/Kg		01/29/24 11:25	02/09/24 16:28	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:25	02/09/24 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*01/29/24 11:25*	*02/09/24 16:28*	*1*
1-Chlorooctane	*128*		*70 - 130*	*01/29/24 11:25*	*02/09/24 16:28*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 60 '

Lab Sample ID: 830-4819-82
Matrix: Solid
Date Collected: 01/23/24 14:37
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:00	1
Toluene	**0.0245**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:00	1
Ethylbenzene	**0.367**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:00	1
m,p-Xylenes	**0.541**		0.00398		mg/Kg		01/29/24 14:50	02/02/24 20:00	1
o-Xylene	**0.331**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:00	1
Xylenes, Total	**0.872**		0.00398		mg/Kg		01/29/24 14:50	02/02/24 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*213*	*S1+*	*70 - 130*	*01/29/24 14:50*	*02/02/24 20:00*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*01/29/24 14:50*	*02/02/24 20:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1.26**		0.00398		mg/Kg			02/02/24 20:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1560**		49.9		mg/Kg			02/04/24 13:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 13:13	1
Diesel Range Organics (Over C10-C28)	**1360**		49.9		mg/Kg		01/29/24 11:38	02/04/24 13:13	1
Oil Range Organics (Over C28-C36)	**197**		49.9		mg/Kg		01/29/24 11:38	02/04/24 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 13:13*	*1*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 13:13*	*1*

Client Sample ID: New Boring 10- @ 70 '

Lab Sample ID: 830-4819-83
Matrix: Solid
Date Collected: 01/23/24 14:40
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00336**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:26	1
Toluene	**0.0570**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:26	1
Ethylbenzene	**0.110**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:26	1
m,p-Xylenes	**0.133**		0.00398		mg/Kg		01/29/24 14:50	02/02/24 20:26	1
o-Xylene	**0.0986**		0.00199		mg/Kg		01/29/24 14:50	02/02/24 20:26	1
Xylenes, Total	**0.232**		0.00398		mg/Kg		01/29/24 14:50	02/02/24 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*01/29/24 14:50*	*02/02/24 20:26*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*01/29/24 14:50*	*02/02/24 20:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.402**		0.00398		mg/Kg			02/02/24 20:26	1

Eurofins El Paso

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 70 '

Lab Sample ID: 830-4819-83
Matrix: Solid
Date Collected: 01/23/24 14:40
Date Received: 01/25/24 13:43

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**66.8**		49.6		mg/Kg			02/04/24 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)	<49.6	U	49.6		mg/Kg		01/29/24 11:38	02/04/24 13:34	1
Diesel Range Organics (Over C10-C28)	**66.8**		49.6		mg/Kg		01/29/24 11:38	02/04/24 13:34	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:38	02/04/24 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 13:34*	*1*
1-Chlorooctane	*121*		*70 - 130*	*01/29/24 11:38*	*02/04/24 13:34*	*1*

Client Sample ID: New Boring 10- @ 80 '

Lab Sample ID: 830-4819-84
Matrix: Solid
Date Collected: 01/23/24 14:48
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 20:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 20:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 20:52	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:50	02/02/24 20:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 20:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:50	02/02/24 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*01/29/24 14:50*	*02/02/24 20:52*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:50*	*02/02/24 20:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/02/24 20:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**96.1**		49.6		mg/Kg			02/04/24 13:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:38	02/04/24 13:54	1
Diesel Range Organics (Over C10-C28)	**96.1**		49.6		mg/Kg		01/29/24 11:38	02/04/24 13:54	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:38	02/04/24 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 13:54*	*1*
1-Chlorooctane	*126*		*70 - 130*	*01/29/24 11:38*	*02/04/24 13:54*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 0-1 '

Lab Sample ID: 830-4819-85
Matrix: Solid
Date Collected: 01/23/24 15:10
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 21:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 21:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 21:18	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:50	02/02/24 21:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 21:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:50	02/02/24 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/29/24 14:50*	*02/02/24 21:18*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/29/24 14:50*	*02/02/24 21:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/02/24 21:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/24 14:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 14:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 14:15	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*136*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 14:15*	*1*
1-Chlorooctane	*123*		*70 - 130*	*01/29/24 11:38*	*02/04/24 14:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**239**		4.99		mg/Kg			02/01/24 21:29	1

Client Sample ID: New Boring 11- @ 3 '

Lab Sample ID: 830-4819-86
Matrix: Solid
Date Collected: 01/23/24 15:15
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 21:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 21:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 21:45	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/29/24 14:50	02/02/24 21:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 21:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 14:50	02/02/24 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:50*	*02/02/24 21:45*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*01/29/24 14:50*	*02/02/24 21:45*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 3 '

Lab Sample ID: 830-4819-86
Matrix: Solid
Date Collected: 01/23/24 15:15
Date Received: 01/25/24 13:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/02/24 21:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/04/24 14:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:38	02/04/24 14:36	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/29/24 11:38	02/04/24 14:36	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:38	02/04/24 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 14:36*	*1*
1-Chlorooctane	*119*		*70 - 130*	*01/29/24 11:38*	*02/04/24 14:36*	*1*

Client Sample ID: New Boring 11- @ 5 '

Lab Sample ID: 830-4819-87
Matrix: Solid
Date Collected: 01/23/24 15:20
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/02/24 22:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/02/24 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:50*	*02/02/24 22:12*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/29/24 14:50*	*02/02/24 22:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/02/24 22:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/04/24 12:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:38	02/04/24 12:11	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/29/24 11:38	02/04/24 12:11	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:38	02/04/24 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 12:11*	*1*
1-Chlorooctane	*117*		*70 - 130*	*01/29/24 11:38*	*02/04/24 12:11*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 10 '

Lab Sample ID: 830-4819-88
Matrix: Solid
Date Collected: 01/23/24 15:30
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/02/24 22:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/02/24 22:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/02/24 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*01/29/24 14:50*	*02/02/24 22:39*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*01/29/24 14:50*	*02/02/24 22:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/02/24 22:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/04/24 14:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		01/29/24 11:38	02/04/24 14:57	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/29/24 11:38	02/04/24 14:57	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:38	02/04/24 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 14:57*	*1*
1-Chlorooctane	*120*		*70 - 130*	*01/29/24 11:38*	*02/04/24 14:57*	*1*

Client Sample ID: New Boring 11- @ 15 '

Lab Sample ID: 830-4819-89
Matrix: Solid
Date Collected: 01/23/24 15:35
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 23:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 23:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 23:06	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:50	02/02/24 23:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 23:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:50	02/02/24 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*01/29/24 14:50*	*02/02/24 23:06*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*01/29/24 14:50*	*02/02/24 23:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/02/24 23:06	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 15 '

Lab Sample ID: 830-4819-89
Matrix: Solid
Date Collected: 01/23/24 15:35
Date Received: 01/25/24 13:43

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/24 15:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 15:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 15:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 15:18*	*1*
1-Chlorooctane	*123*		*70 - 130*	*01/29/24 11:38*	*02/04/24 15:18*	*1*

Client Sample ID: New Boring 11- @ 20 '

Lab Sample ID: 830-4819-90
Matrix: Solid
Date Collected: 01/23/24 15:40
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 23:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 23:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 23:32	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/24 14:50	02/02/24 23:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:50	02/02/24 23:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 14:50	02/02/24 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:50*	*02/02/24 23:32*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 14:50*	*02/02/24 23:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/02/24 23:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			02/04/24 15:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.5	U	49.5		mg/Kg		01/29/24 11:38	02/04/24 15:38	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		01/29/24 11:38	02/04/24 15:38	1
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		01/29/24 11:38	02/04/24 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 15:38*	*1*
1-Chlorooctane	*118*		*70 - 130*	*01/29/24 11:38*	*02/04/24 15:38*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 25'

Lab Sample ID: 830-4819-91
Matrix: Solid
Date Collected: 01/23/24 15:48
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 01:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 01:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 01:18	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/29/24 14:50	02/03/24 01:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 01:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 14:50	02/03/24 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:50*	*02/03/24 01:18*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*01/29/24 14:50*	*02/03/24 01:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/03/24 01:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/24 15:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 15:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 15:59	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:38	02/04/24 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 15:59*	*1*
1-Chlorooctane	*122*		*70 - 130*	*01/29/24 11:38*	*02/04/24 15:59*	*1*

Client Sample ID: New Boring 11- @ 30'

Lab Sample ID: 830-4819-92
Matrix: Solid
Date Collected: 01/23/24 15:55
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 01:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 01:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 01:45	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 01:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 01:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*01/29/24 14:50*	*02/03/24 01:45*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*01/29/24 14:50*	*02/03/24 01:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 01:45	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 30'

Lab Sample ID: 830-4819-92
Matrix: Solid
Date Collected: 01/23/24 15:55
Date Received: 01/25/24 13:43

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/04/24 16:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		01/29/24 11:38	02/04/24 16:40	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/29/24 11:38	02/04/24 16:40	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/29/24 11:38	02/04/24 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*129*		*70 - 130*	*01/29/24 11:38*	*02/04/24 16:40*	*1*
1-Chlorooctane	*114*		*70 - 130*	*01/29/24 11:38*	*02/04/24 16:40*	*1*

Client Sample ID: New Boring 11- @ 40'

Lab Sample ID: 830-4819-93
Matrix: Solid
Date Collected: 01/23/24 16:05
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 02:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 02:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 02:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 02:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 02:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/29/24 14:50*	*02/03/24 02:12*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/29/24 14:50*	*02/03/24 02:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 02:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/04/24 17:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:38	02/04/24 17:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/29/24 11:38	02/04/24 17:01	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:38	02/04/24 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 17:01*	*1*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 17:01*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 50'

Lab Sample ID: 830-4819-94
Matrix: Solid
Date Collected: 01/23/24 16:15
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 02:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 02:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 02:39	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/24 14:50	02/03/24 02:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/03/24 02:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 14:50	02/03/24 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 14:50*	*02/03/24 02:39*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*01/29/24 14:50*	*02/03/24 02:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/24 02:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/04/24 17:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:38	02/04/24 17:22	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/29/24 11:38	02/04/24 17:22	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:38	02/04/24 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*151*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 17:22*	*1*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 17:22*	*1*

Client Sample ID: Confirmation Boring 3 @ 0-1'

Lab Sample ID: 830-4819-95
Matrix: Solid
Date Collected: 01/22/24 12:00
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100		mg/Kg		01/29/24 14:50	02/03/24 04:25	50
Toluene	**0.458**		0.100		mg/Kg		01/29/24 14:50	02/03/24 04:25	50
Ethylbenzene	**0.663**		0.100		mg/Kg		01/29/24 14:50	02/03/24 04:25	50
m,p-Xylenes	<0.201	U	0.201		mg/Kg		01/29/24 14:50	02/03/24 04:25	50
o-Xylene	**0.238**		0.100		mg/Kg		01/29/24 14:50	02/03/24 04:25	50
Xylenes, Total	**0.238**		0.201		mg/Kg		01/29/24 14:50	02/03/24 04:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:50*	*02/03/24 04:25*	*50*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*01/29/24 14:50*	*02/03/24 04:25*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1.36**		0.201		mg/Kg			02/03/24 04:25	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 3 @ 0-1'

Lab Sample ID: 830-4819-95
Matrix: Solid
Date Collected: 01/22/24 12:00
Date Received: 01/25/24 13:43

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**33200**		498		mg/Kg			02/04/24 17:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<498	U	498		mg/Kg		01/29/24 11:38	02/04/24 17:43	10
Diesel Range Organics (Over C10-C28)	**26100**		498		mg/Kg		01/29/24 11:38	02/04/24 17:43	10
Oil Range Organics (Over C28-C36)	**7130**		498		mg/Kg		01/29/24 11:38	02/04/24 17:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*538*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 17:43*	*10*
1-Chlorooctane	*461*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 17:43*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**117**		5.00		mg/Kg			02/01/24 21:36	1

Client Sample ID: Confirmation Boring 3 @ 3'

Lab Sample ID: 830-4819-96
Matrix: Solid
Date Collected: 01/22/24 12:05
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 03:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 03:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 03:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 03:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 03:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*01/29/24 14:50*	*02/03/24 03:05*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*01/29/24 14:50*	*02/03/24 03:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 03:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**687**		49.8		mg/Kg			02/04/24 18:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.8	U	49.8		mg/Kg		01/29/24 11:38	02/04/24 18:03	1
Diesel Range Organics (Over C10-C28)	**479**		49.8		mg/Kg		01/29/24 11:38	02/04/24 18:03	1
Oil Range Organics (Over C28-C36)	**208**		49.8		mg/Kg		01/29/24 11:38	02/04/24 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*155*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 18:03*	*1*

Eurofins El Paso

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 3 @ 3'

Lab Sample ID: 830-4819-96
Matrix: Solid
Date Collected: 01/22/24 12:05
Date Received: 01/25/24 13:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 18:03*	*1*

Client Sample ID: Confirmation Boring 3 @ 5'

Lab Sample ID: 830-4819-97
Matrix: Solid
Date Collected: 01/22/24 12:10
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 03:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 03:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 03:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 03:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:50	02/03/24 03:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 14:50	02/03/24 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*01/29/24 14:50*	*02/03/24 03:32*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:50*	*02/03/24 03:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/24 03:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**8010**		250		mg/Kg			02/04/24 18:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<250	U	250		mg/Kg		01/29/24 11:38	02/04/24 18:24	5
Diesel Range Organics (Over C10-C28)	**6360**		250		mg/Kg		01/29/24 11:38	02/04/24 18:24	5
Oil Range Organics (Over C28-C36)	**1650**		250		mg/Kg		01/29/24 11:38	02/04/24 18:24	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*160*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 18:24*	*5*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 18:24*	*5*

Client Sample ID: Confirmation Boring 2@ 0-1'

Lab Sample ID: 830-4819-98
Matrix: Solid
Date Collected: 01/22/24 12:15
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0998	U	0.0998		mg/Kg		01/29/24 14:50	02/03/24 04:52	50
Toluene	**1.79**		0.0998		mg/Kg		01/29/24 14:50	02/03/24 04:52	50
Ethylbenzene	**3.75**		0.0998		mg/Kg		01/29/24 14:50	02/03/24 04:52	50
m,p-Xylenes	**3.84**		0.200		mg/Kg		01/29/24 14:50	02/03/24 04:52	50
o-Xylene	**1.55**		0.0998		mg/Kg		01/29/24 14:50	02/03/24 04:52	50
Xylenes, Total	**5.39**		0.200		mg/Kg		01/29/24 14:50	02/03/24 04:52	50

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 2@ 0-1'

Lab Sample ID: 830-4819-98
Matrix: Solid
Date Collected: 01/22/24 12:15
Date Received: 01/25/24 13:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*01/29/24 14:50*	*02/03/24 04:52*	*50*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/29/24 14:50*	*02/03/24 04:52*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**10.9**		0.200	mg/Kg			02/03/24 04:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**4420**		50.2	mg/Kg			02/04/24 18:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	**113**		50.2	mg/Kg		01/29/24 11:38	02/04/24 18:45	1
Diesel Range Organics (Over C10-C28)	**3540**		50.2	mg/Kg		01/29/24 11:38	02/04/24 18:45	1
Oil Range Organics (Over C28-C36)	**771**		50.2	mg/Kg		01/29/24 11:38	02/04/24 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*153*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 18:45*	*1*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 18:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1090**		4.98	mg/Kg			02/01/24 21:42	1

Client Sample ID: Confirmation Boring 2 @ 3'

Lab Sample ID: 830-4819-99
Matrix: Solid
Date Collected: 01/22/24 12:20
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/29/24 14:50	02/03/24 03:59	1
Toluene	**0.237**		0.00201	mg/Kg		01/29/24 14:50	02/03/24 03:59	1
Ethylbenzene	**0.218**		0.00201	mg/Kg		01/29/24 14:50	02/03/24 03:59	1
m,p-Xylenes	**0.201**		0.00402	mg/Kg		01/29/24 14:50	02/03/24 03:59	1
o-Xylene	**0.0984**		0.00201	mg/Kg		01/29/24 14:50	02/03/24 03:59	1
Xylenes, Total	**0.299**		0.00402	mg/Kg		01/29/24 14:50	02/03/24 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*01/29/24 14:50*	*02/03/24 03:59*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/29/24 14:50*	*02/03/24 03:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.754**		0.00402	mg/Kg			02/03/24 03:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**612**		50.4	mg/Kg			02/04/24 19:05	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 2 @ 3'

Lab Sample ID: 830-4819-99
Matrix: Solid
Date Collected: 01/22/24 12:20
Date Received: 01/25/24 13:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		01/29/24 11:38	02/04/24 19:05	1
Diesel Range Organics (Over C10-C28)	**452**		50.4		mg/Kg		01/29/24 11:38	02/04/24 19:05	1
Oil Range Organics (Over C28-C36)	**160**		50.4		mg/Kg		01/29/24 11:38	02/04/24 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*153*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 19:05*	*1*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 19:05*	*1*

Client Sample ID: Confirmation Boring 2 @ 5'

Lab Sample ID: 830-4819-100
Matrix: Solid
Date Collected: 01/22/24 12:25
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100		mg/Kg		01/29/24 14:50	02/03/24 05:19	50
Toluene	<0.100	U	0.100		mg/Kg		01/29/24 14:50	02/03/24 05:19	50
Ethylbenzene	**0.588**		0.100		mg/Kg		01/29/24 14:50	02/03/24 05:19	50
m,p-Xylenes	**0.396**		0.200		mg/Kg		01/29/24 14:50	02/03/24 05:19	50
o-Xylene	**0.415**		0.100		mg/Kg		01/29/24 14:50	02/03/24 05:19	50
Xylenes, Total	**0.811**		0.200		mg/Kg		01/29/24 14:50	02/03/24 05:19	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:50*	*02/03/24 05:19*	*50*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*01/29/24 14:50*	*02/03/24 05:19*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1.40**		0.200		mg/Kg			02/03/24 05:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2640**		50.4		mg/Kg			02/04/24 19:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		01/29/24 11:38	02/04/24 19:26	1
Diesel Range Organics (Over C10-C28)	**2180**		50.4		mg/Kg		01/29/24 11:38	02/04/24 19:26	1
Oil Range Organics (Over C28-C36)	**461**		50.4		mg/Kg		01/29/24 11:38	02/04/24 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*155*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 19:26*	*1*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 19:26*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 1 @ 0-1'

Lab Sample ID: 830-4819-101
Matrix: Solid
Date Collected: 01/22/24 12:30
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 07:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 07:12	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 07:12	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 07:12	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 07:12	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*01/29/24 14:51*	*02/04/24 07:12*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*01/29/24 14:51*	*02/04/24 07:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 07:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**390**		49.6		mg/Kg			02/04/24 19:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:38	02/04/24 19:47	1
Diesel Range Organics (Over C10-C28)	**298**		49.6		mg/Kg		01/29/24 11:38	02/04/24 19:47	1
Oil Range Organics (Over C28-C36)	**92.1**		49.6		mg/Kg		01/29/24 11:38	02/04/24 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*136*	*S1+*	*70 - 130*	*01/29/24 11:38*	*02/04/24 19:47*	*1*
1-Chlorooctane	*120*		*70 - 130*	*01/29/24 11:38*	*02/04/24 19:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**389**	**F1**	5.03		mg/Kg			02/01/24 21:49	1

Client Sample ID: Confirmation Boring 1 @ 3'

Lab Sample ID: 830-4819-102
Matrix: Solid
Date Collected: 01/22/24 12:35
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 07:32	1
Toluene	**0.00555**		0.00199		mg/Kg		01/29/24 14:51	02/04/24 07:32	1
Ethylbenzene	**0.0100**	***+**	0.00199		mg/Kg		01/29/24 14:51	02/04/24 07:32	1
m,p-Xylenes	**0.0100**	***+**	0.00398		mg/Kg		01/29/24 14:51	02/04/24 07:32	1
o-Xylene	**0.00698**	***+**	0.00199		mg/Kg		01/29/24 14:51	02/04/24 07:32	1
Xylenes, Total	**0.0170**	***+**	0.00398		mg/Kg		01/29/24 14:51	02/04/24 07:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*01/29/24 14:51*	*02/04/24 07:32*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:51*	*02/04/24 07:32*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 1 @ 3'

Lab Sample ID: 830-4819-102
Matrix: Solid
Date Collected: 01/22/24 12:35
Date Received: 01/25/24 13:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0325**		0.00398		mg/Kg			02/04/24 07:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**155**		50.1		mg/Kg			02/04/24 22:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:31	02/04/24 22:32	1
Diesel Range Organics (Over C10-C28)	**155**		50.1		mg/Kg		01/29/24 11:31	02/04/24 22:32	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:31	02/04/24 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*145*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 22:32*	*1*
1-Chlorooctane	*126*		*70 - 130*	*01/29/24 11:31*	*02/04/24 22:32*	*1*

Client Sample ID: Confirmation Boring 1 @ 5'

Lab Sample ID: 830-4819-103
Matrix: Solid
Date Collected: 01/22/24 12:40
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		01/29/24 14:51	02/04/24 10:17	50
Toluene	<0.0994	U	0.0994		mg/Kg		01/29/24 14:51	02/04/24 10:17	50
Ethylbenzene	**0.316**	***+**	0.0994		mg/Kg		01/29/24 14:51	02/04/24 10:17	50
m,p-Xylenes	**0.350**	***+**	0.199		mg/Kg		01/29/24 14:51	02/04/24 10:17	50
o-Xylene	**0.231**	***+**	0.0994		mg/Kg		01/29/24 14:51	02/04/24 10:17	50
Xylenes, Total	**0.581**	***+**	0.199		mg/Kg		01/29/24 14:51	02/04/24 10:17	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*01/29/24 14:51*	*02/04/24 10:17*	*50*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*01/29/24 14:51*	*02/04/24 10:17*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.897**		0.199		mg/Kg			02/04/24 10:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**5310**		50.5		mg/Kg			02/04/24 22:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:31	02/04/24 22:53	1
Diesel Range Organics (Over C10-C28)	**4590**		50.5		mg/Kg		01/29/24 11:31	02/04/24 22:53	1
OII Range Organics (Over C28-C36)	**720**		50.5		mg/Kg		01/29/24 11:31	02/04/24 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 22:53*	*1*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 22:53*	*1*

Eurofins El Paso

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 4@ 0-1'

Lab Sample ID: 830-4819-104
Matrix: Solid
Date Collected: 01/22/24 15:50
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 07:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 07:53	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 07:53	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:51	02/04/24 07:53	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 07:53	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:51	02/04/24 07:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*01/29/24 14:51*	*02/04/24 07:53*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*01/29/24 14:51*	*02/04/24 07:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/24 07:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/04/24 21:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:31	02/04/24 21:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/29/24 11:31	02/04/24 21:30	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:31	02/04/24 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 21:30*	*1*
1-Chlorooctane	*130*		*70 - 130*	*01/29/24 11:31*	*02/04/24 21:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**426**		5.05		mg/Kg			02/01/24 22:09	1

Client Sample ID: Confirmation Boring 4 @ 3'

Lab Sample ID: 830-4819-105
Matrix: Solid
Date Collected: 01/22/24 15:05
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 08:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 08:13	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 08:13	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 08:13	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 08:13	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*01/29/24 14:51*	*02/04/24 08:13*	*1*
1,4-Difluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*01/29/24 14:51*	*02/04/24 08:13*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 4 @ 3'

Lab Sample ID: 830-4819-105
Matrix: Solid
Date Collected: 01/22/24 15:05
Date Received: 01/25/24 13:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 08:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**233**		50.3		mg/Kg			02/04/24 23:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:31	02/04/24 23:13	1
Diesel Range Organics (Over C10-C28)	**150**		50.3		mg/Kg		01/29/24 11:31	02/04/24 23:13	1
OII Range Organics (Over C28-C36)	**83.2**		50.3		mg/Kg		01/29/24 11:31	02/04/24 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*145*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 23:13*	*1*
1-Chlorooctane	*127*		*70 - 130*	*01/29/24 11:31*	*02/04/24 23:13*	*1*

Client Sample ID: Confirmation Boring 4 @ 5'

Lab Sample ID: 830-4819-106
Matrix: Solid
Date Collected: 01/22/24 16:00
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 08:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 08:34	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 08:34	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:51	02/04/24 08:34	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 08:34	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:51	02/04/24 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:51*	*02/04/24 08:34*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*01/29/24 14:51*	*02/04/24 08:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/24 08:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**96.9**		49.9		mg/Kg			02/04/24 23:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		01/29/24 11:31	02/04/24 23:34	1
Diesel Range Organics (Over C10-C28)	**96.9**		49.9		mg/Kg		01/29/24 11:31	02/04/24 23:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/29/24 11:31	02/04/24 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 23:34*	*1*
1-Chlorooctane	*129*		*70 - 130*	*01/29/24 11:31*	*02/04/24 23:34*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 1 @ 0-1'

Lab Sample ID: 830-4819-107
Matrix: Solid
Date Collected: 01/23/24 07:03
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 08:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 08:55	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 08:55	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 08:55	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 08:55	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 08:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*01/29/24 14:51*	*02/04/24 08:55*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*01/29/24 14:51*	*02/04/24 08:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 08:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**165**		49.7		mg/Kg			02/04/24 23:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		01/29/24 11:31	02/04/24 23:55	1
Diesel Range Organics (Over C10-C28)	**165**		49.7		mg/Kg		01/29/24 11:31	02/04/24 23:55	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/29/24 11:31	02/04/24 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*146*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/04/24 23:55*	*1*
1-Chlorooctane	*130*		*70 - 130*	*01/29/24 11:31*	*02/04/24 23:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		5.04		mg/Kg			02/01/24 22:15	1

Client Sample ID: New Boring 1 @ -3'

Lab Sample ID: 830-4819-108
Matrix: Solid
Date Collected: 01/23/24 07:07
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 09:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 09:15	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 09:15	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 09:15	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 09:15	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 09:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*01/29/24 14:51*	*02/04/24 09:15*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/29/24 14:51*	*02/04/24 09:15*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 1 @ -3'

Lab Sample ID: 830-4819-108
Matrix: Solid
Date Collected: 01/23/24 07:07
Date Received: 01/25/24 13:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 09:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/05/24 00:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:31	02/05/24 00:15	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/29/24 11:31	02/05/24 00:15	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:31	02/05/24 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 00:15*	*1*
1-Chlorooctane	*125*		*70 - 130*	*01/29/24 11:31*	*02/05/24 00:15*	*1*

Client Sample ID: New Boring 1 @ -5'

Lab Sample ID: 830-4819-109
Matrix: Solid
Date Collected: 01/23/24 07:10
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 09:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 09:36	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 09:36	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:51	02/04/24 09:36	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 09:36	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:51	02/04/24 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*01/29/24 14:51*	*02/04/24 09:36*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*01/29/24 14:51*	*02/04/24 09:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/24 09:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/05/24 00:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		01/29/24 11:31	02/05/24 00:36	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/29/24 11:31	02/05/24 00:36	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/29/24 11:31	02/05/24 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 00:36*	*1*
1-Chlorooctane	*125*		*70 - 130*	*01/29/24 11:31*	*02/05/24 00:36*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 4 @ 0-1'

Lab Sample ID: 830-4819-110
Matrix: Solid
Date Collected: 01/23/24 07:18
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 09:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 09:56	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 09:56	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 09:56	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 09:56	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 09:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*01/29/24 14:51*	*02/04/24 09:56*	*1*
1,4-Difluorobenzene (Surr)	*63*	*S1-*	*70 - 130*	*01/29/24 14:51*	*02/04/24 09:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 09:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/05/24 00:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.1	U	50.1		mg/Kg		01/29/24 11:31	02/05/24 00:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/29/24 11:31	02/05/24 00:57	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/29/24 11:31	02/05/24 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 00:57*	*1*
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 00:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**162**		4.99		mg/Kg			02/01/24 22:35	1

Client Sample ID: New Boring 4 @ -3'

Lab Sample ID: 830-4819-111
Matrix: Solid
Date Collected: 01/23/24 07:23
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 11:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 11:40	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 11:40	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:51	02/04/24 11:40	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 11:40	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		01/29/24 14:51	02/04/24 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/29/24 14:51*	*02/04/24 11:40*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*01/29/24 14:51*	*02/04/24 11:40*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 4 @ -3'

Lab Sample ID: 830-4819-111
Matrix: Solid
Date Collected: 01/23/24 07:23
Date Received: 01/25/24 13:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/24 11:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/05/24 01:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		01/29/24 11:31	02/05/24 01:17	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/29/24 11:31	02/05/24 01:17	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/29/24 11:31	02/05/24 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 01:17*	*1*
1-Chlorooctane	*125*		*70 - 130*	*01/29/24 11:31*	*02/05/24 01:17*	*1*

Client Sample ID: New Boring 4 @ -5'

Lab Sample ID: 830-4819-112
Matrix: Solid
Date Collected: 01/23/24 07:29
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:00	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:00	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 12:00	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:00	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 14:51*	*02/04/24 12:00*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*01/29/24 14:51*	*02/04/24 12:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 12:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/05/24 01:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		01/29/24 11:31	02/05/24 01:59	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/29/24 11:31	02/05/24 01:59	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/29/24 11:31	02/05/24 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 01:59*	*1*
1-Chlorooctane	*128*		*70 - 130*	*01/29/24 11:31*	*02/05/24 01:59*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 2 @ 0-1'

Lab Sample ID: 830-4819-113
Matrix: Solid
Date Collected: 01/23/24 07:33
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:21	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:21	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 12:21	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		01/29/24 14:51	02/04/24 12:21	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		01/29/24 14:51	02/04/24 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 14:51*	*02/04/24 12:21*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*01/29/24 14:51*	*02/04/24 12:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/24 12:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/05/24 02:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 02:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 02:19	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 02:19*	*1*
1-Chlorooctane	*124*		*70 - 130*	*01/29/24 11:31*	*02/05/24 02:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**123**		4.97		mg/Kg			02/01/24 22:41	1

Client Sample ID: New Boring 2 @ 3'

Lab Sample ID: 830-4819-114
Matrix: Solid
Date Collected: 01/23/24 07:37
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 12:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:51	02/04/24 12:41	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 12:41	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:51	02/04/24 12:41	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		01/29/24 14:51	02/04/24 12:41	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		01/29/24 14:51	02/04/24 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*01/29/24 14:51*	*02/04/24 12:41*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*01/29/24 14:51*	*02/04/24 12:41*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 2 @ 3'

Lab Sample ID: 830-4819-114
Matrix: Solid
Date Collected: 01/23/24 07:37
Date Received: 01/25/24 13:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/24 12:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/05/24 02:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 02:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 02:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*158*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 02:40*	*1*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 02:40*	*1*

Client Sample ID: New Boring 2 @ 5'

Lab Sample ID: 830-4819-115
Matrix: Solid
Date Collected: 01/23/24 07:41
Date Received: 01/25/24 13:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 13:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 14:51	02/04/24 13:02	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 13:02	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 13:02	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		01/29/24 14:51	02/04/24 13:02	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		01/29/24 14:51	02/04/24 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/29/24 14:51*	*02/04/24 13:02*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*01/29/24 14:51*	*02/04/24 13:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/24 13:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/05/24 03:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 03:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 03:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/05/24 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*01/29/24 11:31*	*02/05/24 03:01*	*1*
1-Chlorooctane	*127*		*70 - 130*	*01/29/24 11:31*	*02/05/24 03:01*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: TB-01-23-24--02

Date Collected: 01/23/24 00:00
Date Received: 01/25/24 13:43

Lab Sample ID: 830-4819-116

Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			02/06/24 09:38	1
Toluene	<0.00200	U	0.00200		mg/L			02/06/24 09:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			02/06/24 09:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L			02/06/24 09:38	1
o-Xylene	<0.00200	U	0.00200		mg/L			02/06/24 09:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			02/06/24 09:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*		*02/06/24 09:38*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*		*02/06/24 09:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/L			02/06/24 09:38	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
830-4819-1	New Boring - 3 @ 0-1'	85	105										
830-4819-1 MS	New Boring - 3 @ 0-1'	115	105										
830-4819-1 MSD	New Boring - 3 @ 0-1'	117	97										
830-4819-2	New Boring - 3 @ 3'	102	110										
830-4819-3	New Boring - 3 @ 5'	103	105										
830-4819-4	New Boring - 3 @ 10'	113	108										
830-4819-5	New Boring - 3 @ 15'	112	102										
830-4819-6	New Boring - 3 @ 20'	111	99										
830-4819-7	New Boring - 3 @ 25'	122	104										
830-4819-8	New Boring - 3 @ 30'	107	101										
830-4819-9	New Boring - 3 @ 40'	140 S1+	79										
830-4819-10	New Boring - 3 @ 50'	114	106										
830-4819-11	New Boring - 5 @ 0-1'	94	102										
830-4819-12	New Boring - 5 @ 3'	101	105										
830-4819-13	New Boring - 5 @ 5'	103	108										
830-4819-14	New Boring - 5 @ 10'	116	107										
830-4819-15	New Boring - 5 @ 15'	119	104										
830-4819-16	New Boring - 5 @ 20'	116	103										
830-4819-17	New Boring - 5 @ 25'	120	105										
830-4819-18	New Boring - 5 @ 30'	116	103										
830-4819-19	New Boring - 5 @ 40'	116	103										
830-4819-20	New Boring - 5 @ 50'	121	103										
830-4819-21	New Boring - 6 @ 0-1'	90	74										
830-4819-21 MS	New Boring - 6 @ 0-1'	91	102										
830-4819-21 MSD	New Boring - 6 @ 0-1'	101	93										
830-4819-22	New Boring - 6 @ 3'	100	99										
830-4819-23	New Boring - 6 @ 5'	114	108										
830-4819-24	New Boring - 6 @ 10'	98	95										
830-4819-25	New Boring - 6 @ 15'	107	99										
830-4819-26	New Boring - 6 @ 20'	169 S1+	98										
830-4819-27	New Boring - 6 @ 25'	153 S1+	89										
830-4819-28	New Boring - 6 @ 30'	105	64 S1-										
830-4819-29	New Boring - 6 @ 40'	261 S1+	128										
830-4819-30	New Boring - 6 @ 50'	139 S1+	61 S1-										
830-4819-31	New Boring - 6 @ 60'	209 S1+	87										
830-4819-32	New Boring - 6 @ 70'	142 S1+	86										
830-4819-33	New Boring - 6 @ 80'	232 S1+	49 S1-										
830-4819-34	New Boring - 6 @ 90'	126	104										
830-4819-35	New Boring - 6 @ 100'	137 S1+	121										
830-4819-36	New Boring 7- @ 0-1'	115	88										
830-4819-37	New Boring 7 - @ 3'	130	93										
830-4819-38	New Boring 7- @ 5'	114	96										
830-4819-39	New Boring 7- @ 10'	145 S1+	134 S1+										
830-4819-40	New Boring 7- @ 15'	134 S1+	106										
830-4819-41	New Boring 7- @ 20'	95	77										
830-4819-41 MS	New Boring 7- @ 20'	113	88										
830-4819-41 MSD	New Boring 7- @ 20'	126	80										
830-4819-42	New Boring 7- @ 25'	93	69 S1-										
830-4819-43	New Boring 7- @ 30'	95	68 S1-										

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 830-4819-1
Project/Site: COP BKU 568435

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		BFB1	DFBZ1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
830-4819-44	New Boring 7- @ 40'	87	73								
830-4819-45	New Boring 7- @ 50'	96	71								
830-4819-46	New Boring 8- @ 0-1'	91	70								
830-4819-47	New Boring 8- @ 3'	96	72								
830-4819-48	New Boring 8- @ 5'	83	80								
830-4819-49	New Boring 8- @ 10'	77	66 S1-								
830-4819-50	New Boring 8- @ 15'	435 S1+	83								
830-4819-51	New Boring 8- @ 20'	147 S1+	92								
830-4819-52	New Boring 8- @ 25'	257 S1+	90								
830-4819-53	New Boring 8- @ 30'	384 S1+	84								
830-4819-54	New Boring 8- @ 40'	460 S1+	151 S1+								
830-4819-55	New Boring 8- @ 50'	457 S1+	91								
830-4819-56	New Boring 8- @ 60'	189 S1+	93								
830-4819-57	New Boring 8- @ 70'	163 S1+	89								
830-4819-58	New Boring 8- @ 80'	166 S1+	95								
830-4819-59	New Boring 8- @ 90'	152 S1+	92								
830-4819-60	New Boring 8- @ 100'	91	71								
830-4819-62	New Boring 9- @ 0-1 '	85	77								
830-4819-62 MS	New Boring 9- @ 0-1 '	107	86								
830-4819-62 MSD	New Boring 9- @ 0-1 '	114	108								
830-4819-63	New Boring 9- @ 3'	85	77								
830-4819-64	New Boring 9- @ 5'	97	69 S1-								
830-4819-65	New Boring 9- @ 10'	85	68 S1-								
830-4819-66	New Boring 9- @ 15'	87	57 S1-								
830-4819-67	New Boring 9- @ 20'	85	62 S1-								
830-4819-68	New Boring 9- @ 25'	86	71								
830-4819-69	New Boring 9- @ 30'	85	71								
830-4819-70	New Boring 9- @ 40'	89	69 S1-								
830-4819-71	New Boring 9- @ 50'	89	71								
830-4819-72	New Boring 10- @ 0-1 '	85	72								
830-4819-73	New Boring 10- @ 3 '	87	80								
830-4819-74	New Boring 10- @ 5 '	85	80								
830-4819-75	New Boring 10- @ 10 '	93	65 S1-								
830-4819-76	New Boring 10- @ 15 '	232 S1+	91								
830-4819-77	New Boring 10- @ 20 '	239 S1+	103								
830-4819-78	New Boring 10- @ 25 '	352 S1+	90								
830-4819-79	New Boring 10- @ 30 '	282 S1+	89								
830-4819-80	New Boring 10- @ 40 '	204 S1+	86								
830-4819-81	New Boring 10- @ 50 '	176 S1+	97								
830-4819-81 MS	New Boring 10- @ 50 '	230 S1+	102								
830-4819-81 MSD	New Boring 10- @ 50 '	18 S1-	220 S1+								
830-4819-82	New Boring 10- @ 60 '	213 S1+	109								
830-4819-83	New Boring 10- @ 70 '	153 S1+	112								
830-4819-84	New Boring 10- @ 80 '	128	103								
830-4819-85	New Boring 11- @ 0-1 '	107	102								
830-4819-86	New Boring 11- @ 3 '	93	73								
830-4819-87	New Boring 11- @ 5 '	91	89								
830-4819-88	New Boring 11- @ 10 '	109	77								
830-4819-89	New Boring 11- @ 15 '	146 S1+	117								
830-4819-90	New Boring 11- @ 20 '	105	105								

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 830-4819-1
Project/Site: COP BKU 568435

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
830-4819-91	New Boring 11- @ 25'	91	75
830-4819-92	New Boring 11- @ 30'	87	92
830-4819-93	New Boring 11- @ 40'	107	100
830-4819-94	New Boring 11- @ 50'	103	115
830-4819-95	Confirmation Boring 3 @ 0-1'	90	80
830-4819-96	Confirmation Boring 3 @ 3'	88	79
830-4819-97	Confirmation Boring 3 @ 5'	97	93
830-4819-98	Confirmation Boring 2@ 0-1'	126	96
830-4819-99	Confirmation Boring 2 @ 3'	121	101
830-4819-100	Confirmation Boring 2 @ 5'	90	82
830-4819-101	Confirmation Boring 1 @ 0-1'	81	82
830-4819-101 MS	Confirmation Boring 1 @ 0-1'	129	105
830-4819-101 MSD	Confirmation Boring 1 @ 0-1'	98	77
830-4819-102	Confirmation Boring 1 @ 3'	104	85
830-4819-103	Confirmation Boring 1 @ 5'	141 S1+	88
830-4819-104	Confirmation Boring 4@ 0-1'	88	76
830-4819-105	Confirmation Boring 4 @ 3'	88	67 S1-
830-4819-106	Confirmation Boring 4 @ 5'	90	66 S1-
830-4819-107	New Boring 1 @ 0-1'	86	78
830-4819-108	New Boring 1 @ -3'	84	69 S1-
830-4819-109	New Boring 1 @ -5'	77	78
830-4819-110	New Boring 4 @ 0-1'	90	63 S1-
830-4819-111	New Boring 4 @ -3'	85	72
830-4819-112	New Boring 4 @ -5'	91	69 S1-
830-4819-113	New Boring 2 @ 0-1'	93	70
830-4819-114	New Boring 2 @ 3'	87	66 S1-
830-4819-115	New Boring 2 @ 5'	96	72
890-6042-A-1-C MS	Matrix Spike	99	97
890-6042-A-1-D MSD	Matrix Spike Duplicate	109	97
LCS 880-71849/1-A	Lab Control Sample	106	93
LCS 880-71862/1-A	Lab Control Sample	96	93
LCS 880-71863/1-A	Lab Control Sample	124	99
LCS 880-71864/1-A	Lab Control Sample	115	95
LCS 880-71865/1-A	Lab Control Sample	106	85
LCS 880-71866/1-A	Lab Control Sample	119	87
LCS 880-72103/1-A	Lab Control Sample	130	97
LCS 880-72114/1-A	Lab Control Sample	107	94
LCS 880-72362/1-A	Lab Control Sample	110	92
LCSD 880-71849/2-A	Lab Control Sample Dup	110	97
LCSD 880-71862/2-A	Lab Control Sample Dup	113	97
LCSD 880-71863/2-A	Lab Control Sample Dup	117	95
LCSD 880-71864/2-A	Lab Control Sample Dup	112	98
LCSD 880-71865/2-A	Lab Control Sample Dup	94	75
LCSD 880-71866/2-A	Lab Control Sample Dup	121	99
LCSD 880-72103/2-A	Lab Control Sample Dup	120	98
LCSD 880-72114/2-A	Lab Control Sample Dup	106	94
LCSD 880-72362/2-A	Lab Control Sample Dup	129	97
MB 880-71849/5-A	Method Blank	126	128
MB 880-71862/5-A	Method Blank	70	97
MB 880-71863/5-A	Method Blank	74	68 S1-

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 830-4819-1
Project/Site: COP BKU 568435

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
MB 880-71864/5-A	Method Blank	82	75
MB 880-71865/5-A	Method Blank	65 S1-	99
MB 880-71866/5-A	Method Blank	80	79
MB 880-72060/5-A	Method Blank	110	108
MB 880-72102/5-A	Method Blank	64 S1-	112
MB 880-72103/5-A	Method Blank	76	77
MB 880-72114/5-A	Method Blank	129	120
MB 880-72362/5-A	Method Blank	73	80

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
830-4819-61	TB-01-23-24-01	118	103
830-4819-116	TB-01-23-24--02	84	75
830-4819-116 MS	TB-01-23-24--02	115	95
830-4819-116 MSD	TB-01-23-24--02	107	99
890-5998-A-65 MS	Matrix Spike	40 S1-	127
890-5998-A-65 MSD	Matrix Spike Duplicate	106	92
LCS 880-71848/34	Lab Control Sample	109	92
LCS 880-72315/65	Lab Control Sample	121	100
LCSD 880-71848/35	Lab Control Sample Dup	105	97
LCSD 880-72315/66	Lab Control Sample Dup	116	98
MB 880-71786/5-A	Method Blank	137 S1+	122
MB 880-71848/39	Method Blank	140 S1+	128
MB 880-72315/70	Method Blank	71	77

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**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	OTPH1 (70-130)	1CO1 (70-130)
830-4819-1	New Boring - 3 @ 0-1'	132 S1+	117
830-4819-1 MS	New Boring - 3 @ 0-1'	116	113
830-4819-1 MSD	New Boring - 3 @ 0-1'	112	110
830-4819-2	New Boring - 3 @ 3'	119	106
830-4819-3	New Boring - 3 @ 5'	127	114
830-4819-4	New Boring - 3 @ 10'	112	100
830-4819-5	New Boring - 3 @ 15'	108	97
830-4819-6	New Boring - 3 @ 20'	125	112
830-4819-7	New Boring - 3 @ 25'	112	100

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 830-4819-1
Project/Site: COP BKU 568435

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		OTPH1	1CO1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
830-4819-8	New Boring - 3 @ 30'	103	90								
830-4819-9	New Boring - 3 @ 40'	119	104								
830-4819-10	New Boring - 3 @ 50'	98	86								
830-4819-11	New Boring - 5 @ 0-1'	109	97								
830-4819-12	New Boring - 5 @ 3'	93	84								
830-4819-13	New Boring - 5 @ 5'	90	80								
830-4819-14	New Boring - 5 @ 10'	109	96								
830-4819-15	New Boring - 5 @ 15'	81	72								
830-4819-16	New Boring - 5 @ 20'	106	95								
830-4819-17	New Boring - 5 @ 25'	86	77								
830-4819-18	New Boring - 5 @ 30'	96	85								
830-4819-19	New Boring - 5 @ 40'	113	99								
830-4819-20	New Boring - 5 @ 50'	99	90								
830-4819-21	New Boring - 6 @ 0-1'	85	76								
830-4819-21 MS	New Boring - 6 @ 0-1'	70	71								
830-4819-21 MSD	New Boring - 6 @ 0-1'	70	72								
830-4819-22	New Boring - 6 @ 3'	81	73								
830-4819-23	New Boring - 6 @ 5'	65 S1-	60 S1-								
830-4819-24	New Boring - 6 @ 10'	87	78								
830-4819-25	New Boring - 6 @ 15'	98	87								
830-4819-26	New Boring - 6 @ 20'	94	87								
830-4819-27	New Boring - 6 @ 25'	112	107								
830-4819-28	New Boring - 6 @ 30'	103	106								
830-4819-29	New Boring - 6 @ 40'	106	99								
830-4819-30	New Boring - 6 @ 50'	107	100								
830-4819-31	New Boring - 6 @ 60'	110	99								
830-4819-32	New Boring - 6 @ 70'	130	120								
830-4819-33	New Boring - 6 @ 80'	110	145 S1+								
830-4819-34	New Boring - 6 @ 90'	101	90								
830-4819-35	New Boring - 6 @ 100'	70	64 S1-								
830-4819-36	New Boring 7- @ 0-1'	87	79								
830-4819-37	New Boring 7 - @ 3'	83	75								
830-4819-38	New Boring 7- @ 5'	92	82								
830-4819-39	New Boring 7- @ 10'	89	72								
830-4819-40	New Boring 7- @ 15'	115	107								
830-4819-41	New Boring 7- @ 20'	128	113								
830-4819-42	New Boring 7- @ 25'	122	108								
830-4819-43	New Boring 7- @ 30'	108	97								
830-4819-44	New Boring 7- @ 40'	121	107								
830-4819-45	New Boring 7- @ 50'	128	113								
830-4819-46	New Boring 8- @ 0-1'	117	104								
830-4819-47	New Boring 8- @ 3'	125	109								
830-4819-48	New Boring 8- @ 5'	122	108								
830-4819-49	New Boring 8- @ 10'	121	108								
830-4819-49 MS	New Boring 8- @ 10'	106	99								
830-4819-49 MSD	New Boring 8- @ 10'	115	106								
830-4819-50	New Boring 8- @ 15'	70	67 S1-								
830-4819-51	New Boring 8- @ 20'	99	93								
830-4819-52	New Boring 8- @ 25'	94	85								
830-4819-53	New Boring 8- @ 30'	111	102								

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 830-4819-1
Project/Site: COP BKU 568435

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		OTPH1	1CO1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
830-4819-54	New Boring 8- @ 40'	125	162 S1+								
830-4819-55	New Boring 8- @ 50'	87	129								
830-4819-56	New Boring 8- @ 60'	22 S1-	23 S1-								
830-4819-57	New Boring 8- @ 70'	97	87								
830-4819-58	New Boring 8- @ 80'	84	78								
830-4819-59	New Boring 8- @ 90'	107	96								
830-4819-60	New Boring 8- @ 100'	116	103								
830-4819-62	New Boring 9- @ 0-1 '	137 S1+	122								
830-4819-63	New Boring 9- @ 3'	118	104								
830-4819-64	New Boring 9- @ 5'	83	74								
830-4819-64 MS	New Boring 9- @ 5'	60 S1-	56 S1-								
830-4819-64 MSD	New Boring 9- @ 5'	63 S1-	60 S1-								
830-4819-65	New Boring 9- @ 10'	116	102								
830-4819-66	New Boring 9- @ 15'	123	109								
830-4819-67	New Boring 9- @ 20'	116	101								
830-4819-68	New Boring 9- @ 25'	77	70								
830-4819-69	New Boring 9- @ 30'	162 S1+	145 S1+								
830-4819-70	New Boring 9- @ 40'	118	104								
830-4819-71	New Boring 9- @ 50'	100	88								
830-4819-72	New Boring 10- @ 0-1 '	154 S1+	136 S1+								
830-4819-73	New Boring 10- @ 3 '	110	97								
830-4819-74	New Boring 10- @ 5 '	94	84								
830-4819-75	New Boring 10- @ 10 '	101	90								
830-4819-76	New Boring 10- @ 15 '	211 S1+	198 S1+								
830-4819-77	New Boring 10- @ 20 '	101	92								
830-4819-78	New Boring 10- @ 25 '	162 S1+	165 S1+								
830-4819-79	New Boring 10- @ 30 '	92	86								
830-4819-80	New Boring 10- @ 40 '	201 S1+	183 S1+								
830-4819-81	New Boring 10- @ 50 '	139 S1+	128								
830-4819-82	New Boring 10- @ 60 '	141 S1+	131 S1+								
830-4819-83	New Boring 10- @ 70 '	139 S1+	121								
830-4819-84	New Boring 10- @ 80 '	142 S1+	126								
830-4819-85	New Boring 11- @ 0-1 '	136 S1+	123								
830-4819-86	New Boring 11- @ 3 '	134 S1+	119								
830-4819-87	New Boring 11- @ 5 '	131 S1+	117								
830-4819-87 MS	New Boring 11- @ 5 '	119	111								
830-4819-87 MSD	New Boring 11- @ 5 '	114	106								
830-4819-88	New Boring 11- @ 10 '	135 S1+	120								
830-4819-89	New Boring 11- @ 15 '	139 S1+	123								
830-4819-90	New Boring 11- @ 20 '	134 S1+	118								
830-4819-91	New Boring 11- @ 25'	139 S1+	122								
830-4819-92	New Boring 11- @ 30'	129	114								
830-4819-93	New Boring 11- @ 40'	149 S1+	133 S1+								
830-4819-94	New Boring 11- @ 50'	151 S1+	135 S1+								
830-4819-95	Confirmation Boring 3 @ 0-1'	538 S1+	461 S1+								
830-4819-96	Confirmation Boring 3 @ 3'	155 S1+	135 S1+								
830-4819-97	Confirmation Boring 3 @ 5'	160 S1+	140 S1+								
830-4819-98	Confirmation Boring 2@ 0-1'	153 S1+	140 S1+								
830-4819-99	Confirmation Boring 2 @ 3'	153 S1+	135 S1+								
830-4819-100	Confirmation Boring 2 @ 5'	155 S1+	139 S1+								

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 830-4819-1
Project/Site: COP BKU 568435

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		OTPH1	1CO1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
830-4819-101	Confirmation Boring 1 @ 0-1'	136 S1+	120								
830-4819-102	Confirmation Boring 1 @ 3'	145 S1+	126								
830-4819-103	Confirmation Boring 1 @ 5'	144 S1+	135 S1+								
830-4819-104	Confirmation Boring 4@ 0-1'	149 S1+	130								
830-4819-104 MS	Confirmation Boring 4@ 0-1'	129	119								
830-4819-104 MSD	Confirmation Boring 4@ 0-1'	127	121								
830-4819-105	Confirmation Boring 4 @ 3'	145 S1+	127								
830-4819-106	Confirmation Boring 4 @ 5'	148 S1+	129								
830-4819-107	New Boring 1 @ 0-1'	146 S1+	130								
830-4819-108	New Boring 1 @ -3'	142 S1+	125								
830-4819-109	New Boring 1 @ -5'	142 S1+	125								
830-4819-110	New Boring 4 @ 0-1'	150 S1+	132 S1+								
830-4819-111	New Boring 4 @ -3'	141 S1+	125								
830-4819-112	New Boring 4 @ -5'	144 S1+	128								
830-4819-113	New Boring 2 @ 0-1'	142 S1+	124								
830-4819-114	New Boring 2 @ 3'	158 S1+	137 S1+								
830-4819-115	New Boring 2 @ 5'	144 S1+	127								
880-39032-A-41-E MS	Matrix Spike	87	126								
880-39032-A-41-F MSD	Matrix Spike Duplicate	85	120								
LCS 870-17650/1-A	Lab Control Sample	87	91								
LCS 870-17657/1-A	Lab Control Sample	100	105								
LCS 870-17900/1-A	Lab Control Sample	104	103								
LCS 870-17901/1-A	Lab Control Sample	107	107								
LCS 870-17902/1-A	Lab Control Sample	114	112								
LCS 870-17903/1-A	Lab Control Sample	127	129								
LCS 880-72722/2-A	Lab Control Sample	120	113								
LCSD 870-17650/2-A	Lab Control Sample Dup	85	90								
LCSD 870-17657/2-A	Lab Control Sample Dup	89	94								
LCSD 870-17900/2-A	Lab Control Sample Dup	93	92								
LCSD 870-17901/2-A	Lab Control Sample Dup	90	90								
LCSD 870-17902/2-A	Lab Control Sample Dup	113	113								
LCSD 870-17903/2-A	Lab Control Sample Dup	123	109								
LCSD 880-72722/3-A	Lab Control Sample Dup	111	110								
MB 870-17650/3-A	Method Blank	94	90								
MB 870-17657/3-A	Method Blank	94	91								
MB 870-17900/3-A	Method Blank	105	100								
MB 870-17901/3-A	Method Blank	93	90								
MB 870-17902/3-A	Method Blank	119	114								
MB 870-17903/3-A	Method Blank	126	126								
MB 880-72722/1-A	Method Blank	223 S1+	249 S1+								

Surrogate Legend

OTPH = o-Terphenyl
1CO = 1-Chlorooctane

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-71786/5-A
Matrix: Water
Analysis Batch: 71848

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71786

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L		01/29/24 10:57	01/29/24 17:29	1
Toluene	<0.00200	U	0.00200		mg/L		01/29/24 10:57	01/29/24 17:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/L		01/29/24 10:57	01/29/24 17:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L		01/29/24 10:57	01/29/24 17:29	1
o-Xylene	<0.00200	U	0.00200		mg/L		01/29/24 10:57	01/29/24 17:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/L		01/29/24 10:57	01/29/24 17:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*01/29/24 10:57*	*01/29/24 17:29*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*01/29/24 10:57*	*01/29/24 17:29*	*1*

Lab Sample ID: MB 880-71848/39
Matrix: Water
Analysis Batch: 71848

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			01/30/24 05:05	1
Toluene	<0.00200	U	0.00200		mg/L			01/30/24 05:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			01/30/24 05:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L			01/30/24 05:05	1
o-Xylene	<0.00200	U	0.00200		mg/L			01/30/24 05:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			01/30/24 05:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*		*01/30/24 05:05*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*		*01/30/24 05:05*	*1*

Lab Sample ID: LCS 880-71848/34
Matrix: Water
Analysis Batch: 71848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09891		mg/L		99	70 - 130		
Toluene			0.100	0.09799		mg/L		98	70 - 130		
Ethylbenzene			0.100	0.1108		mg/L		111	70 - 130		
m-Xylene & p-Xylene			0.200	0.2167		mg/L		108	70 - 130		
o-Xylene			0.100	0.1072		mg/L		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-71848/35
Matrix: Water
Analysis Batch: 71848

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09355		mg/L		94	70 - 130	6	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-71848/35
Matrix: Water
Analysis Batch: 71848

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09017		mg/L		90	70 - 130	8	20
Ethylbenzene			0.100	0.09692		mg/L		97	70 - 130	13	20
m-Xylene & p-Xylene			0.200	0.1992		mg/L		100	70 - 130	8	20
o-Xylene			0.100	0.09955		mg/L		100	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-5998-A-65 MS
Matrix: Water
Analysis Batch: 71848

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08058		mg/L		81	70 - 130		
Toluene	<0.00200	U	0.100	0.08504		mg/L		84	70 - 130		
Ethylbenzene	<0.00200	U F1 F2	0.100	0.06105	F1	mg/L		61	70 - 130		
m-Xylene & p-Xylene	<0.00400	U F1 F2	0.200	0.1290	F1	mg/L		64	70 - 130		
o-Xylene	<0.00200	U F1 F2	0.100	0.06017	F1	mg/L		60	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*40*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*127*		*70 - 130*

Lab Sample ID: 890-5998-A-65 MSD
Matrix: Water
Analysis Batch: 71848

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

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	0.09989		mg/L		100	70 - 130	21	25
Toluene	<0.00200	U	0.100	0.09485		mg/L		93	70 - 130	11	25
Ethylbenzene	<0.00200	U F1 F2	0.100	0.1055	F2	mg/L		105	70 - 130	53	25
m-Xylene & p-Xylene	<0.00400	U F1 F2	0.200	0.2080	F2	mg/L		104	70 - 130	47	25
o-Xylene	<0.00200	U F1 F2	0.100	0.1035	F2	mg/L		104	70 - 130	53	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 880-71849/5-A
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71849

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 04:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 04:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 04:16	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/29/24 14:38	02/03/24 04:16	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-71849/5-A
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71849

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:38	02/03/24 04:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/24 14:38	02/03/24 04:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*01/29/24 14:38*	*02/03/24 04:16*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*	*01/29/24 14:38*	*02/03/24 04:16*	*1*

Lab Sample ID: LCS 880-71849/1-A
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71849

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07801		mg/Kg		78	70 - 130		
Toluene			0.100	0.07536		mg/Kg		75	70 - 130		
Ethylbenzene			0.100	0.08792		mg/Kg		88	70 - 130		
m,p-Xylenes			0.200	0.1715		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.08711		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-71849/2-A
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71849

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07836		mg/Kg		78	70 - 130	0	35
Toluene			0.100	0.08044		mg/Kg		80	70 - 130	7	35
Ethylbenzene			0.100	0.08484		mg/Kg		85	70 - 130	4	35
m,p-Xylenes			0.200	0.1779		mg/Kg		89	70 - 130	4	35
o-Xylene			0.100	0.09117		mg/Kg		91	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 830-4819-1 MS
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71849

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U F1	0.0996	0.04213	F1	mg/Kg		42	70 - 130		
Toluene	<0.00201	U F1	0.0996	0.02938	F1	mg/Kg		29	70 - 130		
Ethylbenzene	<0.00201	U F1	0.0996	0.02553	F1	mg/Kg		26	70 - 130		
m,p-Xylenes	<0.00402	U F1	0.199	0.05935	F1	mg/Kg		30	70 - 130		
o-Xylene	<0.00201	U F1	0.0996	0.03381	F1	mg/Kg		34	70 - 130		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 830-4819-1 MS
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71849

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 830-4819-1 MSD
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71849

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0990	0.05185	F1	mg/Kg		52	70 - 130	21	35
Toluene	<0.00201	U F1	0.0990	0.03501	F1	mg/Kg		35	70 - 130	17	35
Ethylbenzene	<0.00201	U F1	0.0990	0.02840	F1	mg/Kg		29	70 - 130	11	35
m,p-Xylenes	<0.00402	U F1	0.198	0.05719	F1	mg/Kg		29	70 - 130	4	35
o-Xylene	<0.00201	U F1	0.0990	0.03638	F1	mg/Kg		37	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-71862/5-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71862

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 12:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 12:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 12:29	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/29/24 14:42	02/04/24 12:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:42	02/04/24 12:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/24 14:42	02/04/24 12:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	01/29/24 14:42	02/04/24 12:29	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/29/24 14:42	02/04/24 12:29	1

Lab Sample ID: LCS 880-71862/1-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71862

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07116		mg/Kg		71	70 - 130		
Toluene			0.100	0.07737		mg/Kg		77	70 - 130		
Ethylbenzene			0.100	0.08562		mg/Kg		86	70 - 130		
m,p-Xylenes			0.200	0.1836		mg/Kg		92	70 - 130		
o-Xylene			0.100	0.09009		mg/Kg		90	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-71862/1-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71862

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-71862/2-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71862

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09850		mg/Kg		98	70 - 130	32	35
Toluene			0.100	0.1069		mg/Kg		107	70 - 130	32	35
Ethylbenzene			0.100	0.1138		mg/Kg		114	70 - 130	28	35
m,p-Xylenes			0.200	0.2555		mg/Kg		128	70 - 130	33	35
o-Xylene			0.100	0.1187		mg/Kg		119	70 - 130	27	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 830-4819-21 MS
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: New Boring - 6 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71862

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0996	0.06960		mg/Kg		70	70 - 130		
Toluene	<0.00201	U F1	0.0996	0.05946	F1	mg/Kg		60	70 - 130		
Ethylbenzene	<0.00201	U	0.0996	0.07146		mg/Kg		72	70 - 130		
m,p-Xylenes	<0.00402	U	0.199	0.1537		mg/Kg		77	70 - 130		
o-Xylene	<0.00201	U	0.0996	0.07134		mg/Kg		72	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 830-4819-21 MSD
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: New Boring - 6 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71862

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.07355		mg/Kg		74	70 - 130	6	35
Toluene	<0.00201	U F1	0.0990	0.07552		mg/Kg		76	70 - 130	24	35
Ethylbenzene	<0.00201	U	0.0990	0.07814		mg/Kg		79	70 - 130	9	35
m,p-Xylenes	<0.00402	U	0.198	0.1706		mg/Kg		86	70 - 130	10	35
o-Xylene	<0.00201	U	0.0990	0.08187		mg/Kg		83	70 - 130	14	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-71863/5-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71863

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 20:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 20:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 20:12	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/29/24 14:44	02/03/24 20:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:44	02/03/24 20:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/24 14:44	02/03/24 20:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*01/29/24 14:44*	*02/03/24 20:12*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*01/29/24 14:44*	*02/03/24 20:12*	*1*

Lab Sample ID: LCS 880-71863/1-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71863

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1112		mg/Kg		111	70 - 130		
Toluene			0.100	0.1131		mg/Kg		113	70 - 130		
Ethylbenzene			0.100	0.1390	*+	mg/Kg		139	70 - 130		
m,p-Xylenes			0.200	0.2814	*+	mg/Kg		141	70 - 130		
o-Xylene			0.100	0.1374	*+	mg/Kg		137	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-71863/2-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71863

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1064		mg/Kg		106	70 - 130	4	35
Toluene			0.100	0.1066		mg/Kg		107	70 - 130	6	35
Ethylbenzene			0.100	0.1299		mg/Kg		130	70 - 130	7	35
m,p-Xylenes			0.200	0.2596		mg/Kg		130	70 - 130	8	35
o-Xylene			0.100	0.1270		mg/Kg		127	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 830-4819-41 MS
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: New Boring 7- @ 20'
Prep Type: Total/NA
Prep Batch: 71863

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0996	0.1012		mg/Kg		102	70 - 130		
Toluene	<0.00201	U	0.0996	0.1055		mg/Kg		106	70 - 130		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 830-4819-41 MS
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: New Boring 7- @ 20'
Prep Type: Total/NA
Prep Batch: 71863

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U *+	0.0996	0.1294		mg/Kg		130	70 - 130
m,p-Xylenes	<0.00402	U *+	0.199	0.2541		mg/Kg		128	70 - 130
o-Xylene	<0.00201	U *+	0.0996	0.1208		mg/Kg		121	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*

Lab Sample ID: 830-4819-41 MSD
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: New Boring 7- @ 20'
Prep Type: Total/NA
Prep Batch: 71863

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09780		mg/Kg		99	70 - 130	3	35
Toluene	<0.00201	U	0.0990	0.1029		mg/Kg		104	70 - 130	3	35
Ethylbenzene	<0.00201	U *+	0.0990	0.1248		mg/Kg		126	70 - 130	4	35
m,p-Xylenes	<0.00402	U *+	0.198	0.2533		mg/Kg		128	70 - 130	0	35
o-Xylene	<0.00201	U *+	0.0990	0.1236		mg/Kg		125	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*

Lab Sample ID: MB 880-71864/5-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71864

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 17:27	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 17:27	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 17:27	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/29/24 14:47	02/04/24 17:27	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:47	02/04/24 17:27	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/29/24 14:47	02/04/24 17:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*01/29/24 14:47*	*02/04/24 17:27*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*01/29/24 14:47*	*02/04/24 17:27*	*1*

Lab Sample ID: LCS 880-71864/1-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71864

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1136		mg/Kg		114	70 - 130
Toluene	0.100	0.1230		mg/Kg		123	70 - 130
Ethylbenzene	0.100	0.1382	*+	mg/Kg		138	70 - 130
m,p-Xylenes	0.200	0.2726	*+	mg/Kg		136	70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-71864/1-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71864

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1335	*+	mg/Kg		133	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-71864/2-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71864

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1049		mg/Kg		105	70 - 130	8	35
Toluene			0.100	0.1127		mg/Kg		113	70 - 130	9	35
Ethylbenzene			0.100	0.1267		mg/Kg		127	70 - 130	9	35
m,p-Xylenes			0.200	0.2456		mg/Kg		123	70 - 130	10	35
o-Xylene			0.100	0.1213		mg/Kg		121	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 830-4819-62 MS
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: New Boring 9- @ 0-1 '
Prep Type: Total/NA
Prep Batch: 71864

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0996	0.06973		mg/Kg		70	70 - 130		
Toluene	<0.00201	U	0.0996	0.08339		mg/Kg		84	70 - 130		
Ethylbenzene	<0.00201	U *+	0.0996	0.09083		mg/Kg		91	70 - 130		
m,p-Xylenes	<0.00402	U *+	0.199	0.1642		mg/Kg		82	70 - 130		
o-Xylene	<0.00201	U *+	0.0996	0.08003		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*

Lab Sample ID: 830-4819-62 MSD
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: New Boring 9- @ 0-1 '
Prep Type: Total/NA
Prep Batch: 71864

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09613		mg/Kg		97	70 - 130	32	35
Toluene	<0.00201	U	0.0990	0.1015		mg/Kg		103	70 - 130	20	35
Ethylbenzene	<0.00201	U *+	0.0990	0.1078		mg/Kg		109	70 - 130	17	35
m,p-Xylenes	<0.00402	U *+	0.198	0.2050		mg/Kg		104	70 - 130	22	35
o-Xylene	<0.00201	U *+	0.0990	0.1101		mg/Kg		111	70 - 130	32	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 830-4819-62 MSD
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: New Boring 9- @ 0-1 '
Prep Type: Total/NA
Prep Batch: 71864

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-71865/5-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71865

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 19:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 19:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 19:07	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/29/24 14:50	02/02/24 19:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 14:50	02/02/24 19:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/24 14:50	02/02/24 19:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	01/29/24 14:50	02/02/24 19:07	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/29/24 14:50	02/02/24 19:07	1

Lab Sample ID: LCS 880-71865/1-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71865

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08439		mg/Kg		84	70 - 130		
Toluene			0.100	0.08989		mg/Kg		90	70 - 130		
Ethylbenzene			0.100	0.1010		mg/Kg		101	70 - 130		
m,p-Xylenes			0.200	0.2315		mg/Kg		116	70 - 130		
o-Xylene			0.100	0.1038		mg/Kg		104	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: LCSD 880-71865/2-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71865

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08617		mg/Kg		86	70 - 130	2	35
Toluene			0.100	0.08427		mg/Kg		84	70 - 130	6	35
Ethylbenzene			0.100	0.08811		mg/Kg		88	70 - 130	14	35
m,p-Xylenes			0.200	0.2054		mg/Kg		103	70 - 130	12	35
o-Xylene			0.100	0.08525		mg/Kg		85	70 - 130	20	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-71865/2-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71865

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	75		70 - 130

Lab Sample ID: 830-4819-81 MS
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: New Boring 10- @ 50 '
Prep Type: Total/NA
Prep Batch: 71865

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.0996	0.07389		mg/Kg		73	70 - 130
Toluene	0.0267	F2 F1	0.0996	0.09759		mg/Kg		71	70 - 130
Ethylbenzene	0.343	F2 F1	0.0996	0.3854	F1	mg/Kg		43	70 - 130
m,p-Xylenes	0.492	F2 F1	0.199	0.6422		mg/Kg		75	70 - 130
o-Xylene	0.326	F2 F1	0.0996	0.3624	F1	mg/Kg		36	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	230	S1+	70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 830-4819-81 MSD
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: New Boring 10- @ 50 '
Prep Type: Total/NA
Prep Batch: 71865

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0990	0.05522	F1	mg/Kg		55	70 - 130	29	35
Toluene	0.0267	F2 F1	0.0990	0.05001	F2 F1	mg/Kg		24	70 - 130	64	35
Ethylbenzene	0.343	F2 F1	0.0990	0.04275	F2 F1	mg/Kg		-303	70 - 130	160	35
m,p-Xylenes	0.492	F2 F1	0.198	0.08888	F2 F1	mg/Kg		-204	70 - 130	151	35
o-Xylene	0.326	F2 F1	0.0990	0.04494	F2 F1	mg/Kg		-284	70 - 130	156	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	18	S1-	70 - 130
1,4-Difluorobenzene (Surr)	220	S1+	70 - 130

Lab Sample ID: MB 880-71866/5-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71866

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:51	02/04/24 06:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:51	02/04/24 06:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:51	02/04/24 06:50	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/29/24 14:51	02/04/24 06:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/29/24 14:51	02/04/24 06:50	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/29/24 14:51	02/04/24 06:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	01/29/24 14:51	02/04/24 06:50	1
1,4-Difluorobenzene (Surr)	79		70 - 130	01/29/24 14:51	02/04/24 06:50	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-71866/1-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71866

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1043		mg/Kg		104	70 - 130		
Toluene			0.100	0.1011		mg/Kg		101	70 - 130		
Ethylbenzene			0.100	0.1251		mg/Kg		125	70 - 130		
m,p-Xylenes			0.200	0.2514		mg/Kg		126	70 - 130		
o-Xylene			0.100	0.1221		mg/Kg		122	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: LCSD 880-71866/2-A
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71866

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1076		mg/Kg		108	70 - 130	3	35
Toluene			0.100	0.1186		mg/Kg		119	70 - 130	16	35
Ethylbenzene			0.100	0.1460	*+	mg/Kg		146	70 - 130	15	35
m,p-Xylenes			0.200	0.2786	*+	mg/Kg		139	70 - 130	10	35
o-Xylene			0.100	0.1353	*+	mg/Kg		135	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 830-4819-101 MS
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Confirmation Boring 1 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71866

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0996	0.09579		mg/Kg		96	70 - 130		
Toluene	<0.00201	U	0.0996	0.1010		mg/Kg		101	70 - 130		
Ethylbenzene	<0.00201	U *+	0.0996	0.1144		mg/Kg		115	70 - 130		
m,p-Xylenes	<0.00402	U *+	0.199	0.2170		mg/Kg		109	70 - 130		
o-Xylene	<0.00201	U *+	0.0996	0.1062		mg/Kg		106	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 830-4819-101 MSD
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Confirmation Boring 1 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71866

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.08222		mg/Kg		83	70 - 130	15	35
Toluene	<0.00201	U	0.0990	0.1046		mg/Kg		105	70 - 130	4	35
Ethylbenzene	<0.00201	U *+	0.0990	0.1088		mg/Kg		110	70 - 130	5	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 830-4819-101 MSD
Matrix: Solid
Analysis Batch: 72288

Client Sample ID: Confirmation Boring 1 @ 0-1'
Prep Type: Total/NA
Prep Batch: 71866

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00402	U *+	0.198	0.1901		mg/Kg		96	70 - 130	13	35
o-Xylene	<0.00201	U *+	0.0990	0.09789		mg/Kg		98	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*

Lab Sample ID: MB 880-72060/5-A
Matrix: Solid
Analysis Batch: 72197

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72060

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/24 14:09	02/02/24 16:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/24 14:09	02/02/24 16:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/24 14:09	02/02/24 16:40	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/24 14:09	02/02/24 16:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/24 14:09	02/02/24 16:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/24 14:09	02/02/24 16:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*01/31/24 14:09*	*02/02/24 16:40*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*01/31/24 14:09*	*02/02/24 16:40*	*1*

Lab Sample ID: MB 880-72102/5-A
Matrix: Solid
Analysis Batch: 72266

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72102

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/01/24 09:39	02/03/24 22:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/01/24 09:39	02/03/24 22:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/01/24 09:39	02/03/24 22:44	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/01/24 09:39	02/03/24 22:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/01/24 09:39	02/03/24 22:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/01/24 09:39	02/03/24 22:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*64*	*S1-*	*70 - 130*	*02/01/24 09:39*	*02/03/24 22:44*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/01/24 09:39*	*02/03/24 22:44*	*1*

Lab Sample ID: MB 880-72103/5-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72103

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:19	02/05/24 11:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:19	02/05/24 11:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:19	02/05/24 11:23	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/01/24 10:19	02/05/24 11:23	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-72103/5-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72103

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:19	02/05/24 11:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/01/24 10:19	02/05/24 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*02/01/24 10:19*	*02/05/24 11:23*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*02/01/24 10:19*	*02/05/24 11:23*	*1*

Lab Sample ID: LCS 880-72103/1-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72103

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1115		mg/Kg		112	70 - 130		
Toluene			0.100	0.1061		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1479	*+	mg/Kg		148	70 - 130		
m,p-Xylenes			0.200	0.2897	*+	mg/Kg		145	70 - 130		
o-Xylene			0.100	0.1391	*+	mg/Kg		139	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-72103/2-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 72103

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1090		mg/Kg		109	70 - 130	2	35
Toluene			0.100	0.1188		mg/Kg		119	70 - 130	11	35
Ethylbenzene			0.100	0.1481	*+	mg/Kg		148	70 - 130	0	35
m,p-Xylenes			0.200	0.2823	*+	mg/Kg		141	70 - 130	3	35
o-Xylene			0.100	0.1355	*+	mg/Kg		136	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 880-72114/5-A
Matrix: Solid
Analysis Batch: 72316

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72114

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:42	02/05/24 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:42	02/05/24 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:42	02/05/24 11:58	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/01/24 10:42	02/05/24 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/01/24 10:42	02/05/24 11:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/01/24 10:42	02/05/24 11:58	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	02/01/24 10:42	02/05/24 11:58	1
1,4-Difluorobenzene (Surr)	120		70 - 130	02/01/24 10:42	02/05/24 11:58	1

Lab Sample ID: LCS 880-72114/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72316 — **Prep Batch: 72114**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1004		mg/Kg		100	70 - 130		
Toluene			0.100	0.1048		mg/Kg		105	70 - 130		
Ethylbenzene			0.100	0.1151		mg/Kg		115	70 - 130		
m,p-Xylenes			0.200	0.2201		mg/Kg		110	70 - 130		
o-Xylene			0.100	0.1064		mg/Kg		106	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-72114/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72316 — **Prep Batch: 72114**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09665		mg/Kg		97	70 - 130	4	35
Toluene			0.100	0.1002		mg/Kg		100	70 - 130	4	35
Ethylbenzene			0.100	0.1084		mg/Kg		108	70 - 130	6	35
m,p-Xylenes			0.200	0.2192		mg/Kg		110	70 - 130	0	35
o-Xylene			0.100	0.1066		mg/Kg		107	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-6042-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72316 — **Prep Batch: 72114**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.09142		mg/Kg		92	70 - 130		
Toluene	<0.00200	U	0.0996	0.1006		mg/Kg		101	70 - 130		
Ethylbenzene	<0.00200	U	0.0996	0.1052		mg/Kg		106	70 - 130		
m,p-Xylenes	<0.00401	U	0.199	0.2076		mg/Kg		104	70 - 130		
o-Xylene	<0.00200	U	0.0996	0.09916		mg/Kg		100	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-6042-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 72316 — **Prep Batch: 72114**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09993		mg/Kg		101	70 - 130	9	35
Toluene	<0.00200	U	0.0990	0.09497		mg/Kg		96	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.0990	0.1120		mg/Kg		113	70 - 130	6	35
m,p-Xylenes	<0.00401	U	0.198	0.2214		mg/Kg		112	70 - 130	6	35
o-Xylene	<0.00200	U	0.0990	0.1058		mg/Kg		107	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 880-72315/70 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 72315

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			02/06/24 09:16	1
Toluene	<0.00200	U	0.00200		mg/L			02/06/24 09:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			02/06/24 09:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L			02/06/24 09:16	1
o-Xylene	<0.00200	U	0.00200		mg/L			02/06/24 09:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			02/06/24 09:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*		*02/06/24 09:16*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*		*02/06/24 09:16*	*1*

Lab Sample ID: LCS 880-72315/65 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 72315

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09922		mg/L		99	70 - 130		
Toluene			0.100	0.09886		mg/L		99	70 - 130		
Ethylbenzene			0.100	0.1132		mg/L		113	70 - 130		
m-Xylene & p-Xylene			0.200	0.2232		mg/L		112	70 - 130		
o-Xylene			0.100	0.1294		mg/L		129	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-72315/66 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 72315

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09251		mg/L		93	70 - 130	7	20
Toluene			0.100	0.09616		mg/L		96	70 - 130	3	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-72315/66
Matrix: Water
Analysis Batch: 72315

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene			0.100	0.1103		mg/L		110	70 - 130	3	20
m-Xylene & p-Xylene			0.200	0.2144		mg/L		107	70 - 130	4	20
o-Xylene			0.100	0.1142		mg/L		114	70 - 130	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 830-4819-116 MS
Matrix: Water
Analysis Batch: 72315

Client Sample ID: TB-01-23-24--02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1169		mg/L		117	70 - 130		
Toluene	<0.00200	U	0.100	0.1144		mg/L		114	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1146		mg/L		115	70 - 130		
m,p-Xylenes	<0.00400	U	0.200	0.2505		mg/L		125	70 - 130		
m-Xylene & p-Xylene	<0.00400	U	0.200	0.2505		mg/L		125	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1270		mg/L		127	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 830-4819-116 MSD
Matrix: Water
Analysis Batch: 72315

Client Sample ID: TB-01-23-24--02
Prep Type: Total/NA

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	0.1089		mg/L		109	70 - 130	7	25
Toluene	<0.00200	U	0.100	0.1022		mg/L		102	70 - 130	11	25
Ethylbenzene	<0.00200	U	0.100	0.1068		mg/L		107	70 - 130	7	25
m,p-Xylenes	<0.00400	U	0.200	0.2160		mg/L		108	70 - 130	15	25
m-Xylene & p-Xylene	<0.00400	U	0.200	0.2160		mg/L		108	70 - 130	15	25
o-Xylene	<0.00200	U	0.100	0.1079		mg/L		108	70 - 130	16	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-72362/5-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72362

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/05/24 11:33	02/05/24 22:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/05/24 11:33	02/05/24 22:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/05/24 11:33	02/05/24 22:36	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-72362/5-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72362

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/05/24 11:33	02/05/24 22:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/05/24 11:33	02/05/24 22:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/05/24 11:33	02/05/24 22:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*70 - 130*	*02/05/24 11:33*	*02/05/24 22:36*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*02/05/24 11:33*	*02/05/24 22:36*	*1*

Lab Sample ID: LCS 880-72362/1-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72362

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08244		mg/Kg		82	70 - 130		
Toluene			0.100	0.09597		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.1204		mg/Kg		120	70 - 130		
m,p-Xylenes			0.200	0.2275		mg/Kg		114	70 - 130		
o-Xylene			0.100	0.1104		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-72362/2-A
Matrix: Solid
Analysis Batch: 72315

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 72362

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09873		mg/Kg		99	70 - 130	18	35
Toluene			0.100	0.1077		mg/Kg		108	70 - 130	11	35
Ethylbenzene			0.100	0.1382	*+	mg/Kg		138	70 - 130	14	35
m,p-Xylenes			0.200	0.2649	*+	mg/Kg		132	70 - 130	15	35
o-Xylene			0.100	0.1288		mg/Kg		129	70 - 130	15	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 870-17650/3-A
Matrix: Solid
Analysis Batch: 17633

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17650

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:20	02/02/24 03:10	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/29/24 11:20	02/02/24 03:10	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 870-17650/3-A
Matrix: Solid
Analysis Batch: 17633

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17650

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:20	02/02/24 03:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*70 - 130*	*01/29/24 11:20*	*02/02/24 03:10*	*1*
1-Chlorooctane	*90*		*70 - 130*	*01/29/24 11:20*	*02/02/24 03:10*	*1*

Lab Sample ID: LCS 870-17650/1-A
Matrix: Solid
Analysis Batch: 17633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17650

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)			1010	731.5		mg/Kg		73	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	818.0		mg/Kg		82	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*87*		*70 - 130*
1-Chlorooctane	*91*		*70 - 130*

Lab Sample ID: LCSD 870-17650/2-A
Matrix: Solid
Analysis Batch: 17633

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 17650

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1020	744.2		mg/Kg		73	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1010	788.0		mg/Kg		78	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*85*		*70 - 130*
1-Chlorooctane	*90*		*70 - 130*

Lab Sample ID: 830-4819-21 MS
Matrix: Solid
Analysis Batch: 17633

Client Sample ID: New Boring - 6 @ 0-1'
Prep Type: Total/NA
Prep Batch: 17650

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)	<50.0	U F1	1030	509.1	F1	mg/Kg		49	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	1020	665.2	F1	mg/Kg		61	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*70*		*70 - 130*
1-Chlorooctane	*71*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 830-4819-21 MSD — **Client Sample ID: New Boring - 6 @ 0-1'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17633 — **Prep Batch: 17650**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<50.0	U F1	1030	567.2	F1	mg/Kg		55	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	1020	677.3	F1	mg/Kg		62	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*70*		*70 - 130*
1-Chlorooctane	*72*		*70 - 130*

Lab Sample ID: MB 870-17657/3-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17660 — **Prep Batch: 17657**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 13:58	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 13:58	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/29/24 11:18	02/02/24 13:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*70 - 130*	*01/29/24 11:18*	*02/02/24 13:58*	*1*
1-Chlorooctane	*91*		*70 - 130*	*01/29/24 11:18*	*02/02/24 13:58*	*1*

Lab Sample ID: LCS 870-17657/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17660 — **Prep Batch: 17657**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)			1010	771.9		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	946.7		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*100*		*70 - 130*
1-Chlorooctane	*105*		*70 - 130*

Lab Sample ID: LCSD 870-17657/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17660 — **Prep Batch: 17657**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1020	738.7		mg/Kg		72	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1010	820.1		mg/Kg		81	70 - 130	14	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*89*		*70 - 130*
1-Chlorooctane	*94*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 830-4819-1 MS
Matrix: Solid
Analysis Batch: 17660

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Total/NA
Prep Batch: 17657

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)	<50.0	U	1020	764.0		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1010	979.3		mg/Kg		93	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*116*		*70 - 130*
1-Chlorooctane	*113*		*70 - 130*

Lab Sample ID: 830-4819-1 MSD
Matrix: Solid
Analysis Batch: 17660

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Total/NA
Prep Batch: 17657

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<50.0	U	1020	739.2		mg/Kg		72	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1010	954.3		mg/Kg		91	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*112*		*70 - 130*
1-Chlorooctane	*110*		*70 - 130*

Lab Sample ID: MB 870-17900/3-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17900

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:23	02/03/24 13:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:23	02/03/24 13:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:23	02/03/24 13:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*105*		*70 - 130*	*01/29/24 11:23*	*02/03/24 13:39*	*1*
1-Chlorooctane	*100*		*70 - 130*	*01/29/24 11:23*	*02/03/24 13:39*	*1*

Lab Sample ID: LCS 870-17900/1-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17900

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)			1020	990.1		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)			1010	954.8		mg/Kg		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*104*		*70 - 130*
1-Chlorooctane	*103*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 870-17900/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17969 — **Prep Batch: 17900**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1020	1022		mg/Kg		100	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1010	817.3		mg/Kg		81	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*93*		*70 - 130*
1-Chlorooctane	*92*		*70 - 130*

Lab Sample ID: 830-4819-49 MS — **Client Sample ID: New Boring 8- @ 10'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17969 — **Prep Batch: 17900**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)	<50.3	U	1020	1122		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	72.5		1010	962.3		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*106*		*70 - 130*
1-Chlorooctane	*99*		*70 - 130*

Lab Sample ID: 830-4819-49 MSD — **Client Sample ID: New Boring 8- @ 10'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17969 — **Prep Batch: 17900**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<50.3	U	1020	963.9		mg/Kg		95	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	72.5		1010	1052		mg/Kg		97	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*115*		*70 - 130*
1-Chlorooctane	*106*		*70 - 130*

Lab Sample ID: MB 870-17901/3-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17969 — **Prep Batch: 17901**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:25	02/04/24 02:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:25	02/04/24 02:32	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:25	02/04/24 02:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*70 - 130*	*01/29/24 11:25*	*02/04/24 02:32*	*1*
1-Chlorooctane	*90*		*70 - 130*	*01/29/24 11:25*	*02/04/24 02:32*	*1*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 870-17901/1-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17901

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)			1020	933.8		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1010	961.7		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*107*		*70 - 130*
1-Chlorooctane	*107*		*70 - 130*

Lab Sample ID: LCSD 870-17901/2-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 17901

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1020	978.0		mg/Kg		96	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1010	760.6	*1	mg/Kg		75	70 - 130	23	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*90*		*70 - 130*
1-Chlorooctane	*90*		*70 - 130*

Lab Sample ID: 830-4819-64 MS
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: New Boring 9- @ 5'
Prep Type: Total/NA
Prep Batch: 17901

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)	<49.7	U F1	1020	451.5	F1	mg/Kg		44	70 - 130		
Diesel Range Organics (Over C10-C28)	97.2	*1 F1	1010	538.9	F1	mg/Kg		44	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*60*	*S1-*	*70 - 130*
1-Chlorooctane	*56*	*S1-*	*70 - 130*

Lab Sample ID: 830-4819-64 MSD
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: New Boring 9- @ 5'
Prep Type: Total/NA
Prep Batch: 17901

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<49.7	U F1	1020	541.2	F1	mg/Kg		53	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	97.2	*1 F1	1010	576.9	F1	mg/Kg		48	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*63*	*S1-*	*70 - 130*
1-Chlorooctane	*60*	*S1-*	*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 870-17902/3-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17902

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:38	02/04/24 11:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:38	02/04/24 11:50	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:38	02/04/24 11:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*119*		*70 - 130*	*01/29/24 11:38*	*02/04/24 11:50*	*1*
1-Chlorooctane	*114*		*70 - 130*	*01/29/24 11:38*	*02/04/24 11:50*	*1*

Lab Sample ID: LCS 870-17902/1-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17902

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)			1020	963.2		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1010	1015		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*114*		*70 - 130*
1-Chlorooctane	*112*		*70 - 130*

Lab Sample ID: LCSD 870-17902/2-A
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 17902

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1020	1054		mg/Kg		103	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1010	968.6		mg/Kg		96	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*113*		*70 - 130*
1-Chlorooctane	*113*		*70 - 130*

Lab Sample ID: 830-4819-87 MS
Matrix: Solid
Analysis Batch: 17969

Client Sample ID: New Boring 11- @ 5 '
Prep Type: Total/NA
Prep Batch: 17902

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)	<50.3	U	1030	1166		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.3	U	1020	1137		mg/Kg		111	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*119*		*70 - 130*
1-Chlorooctane	*111*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 830-4819-87 MSD — **Client Sample ID: New Boring 11- @ 5 '**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17969 — **Prep Batch: 17902**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<50.3	U	1030	1182		mg/Kg		115	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.3	U	1020	1084		mg/Kg		106	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*114*		*70 - 130*
1-Chlorooctane	*106*		*70 - 130*

Lab Sample ID: MB 870-17903/3-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17969 — **Prep Batch: 17903**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/04/24 21:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/04/24 21:09	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/29/24 11:31	02/04/24 21:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*126*		*70 - 130*	*01/29/24 11:31*	*02/04/24 21:09*	*1*
1-Chlorooctane	*126*		*70 - 130*	*01/29/24 11:31*	*02/04/24 21:09*	*1*

Lab Sample ID: LCS 870-17903/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17969 — **Prep Batch: 17903**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)			1020	1055		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)			1010	1107		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*127*		*70 - 130*
1-Chlorooctane	*129*		*70 - 130*

Lab Sample ID: LCSD 870-17903/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17969 — **Prep Batch: 17903**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1020	1121		mg/Kg		110	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1010	1142		mg/Kg		113	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*123*		*70 - 130*
1-Chlorooctane	*109*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 830-4819-104 MS — **Client Sample ID: Confirmation Boring 4@ 0-1'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17969 — **Prep Batch: 17903**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)	<49.7	U	1020	1083		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	1010	1079		mg/Kg		103	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*129*		*70 - 130*
1-Chlorooctane	*119*		*70 - 130*

Lab Sample ID: 830-4819-104 MSD — **Client Sample ID: Confirmation Boring 4@ 0-1'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17969 — **Prep Batch: 17903**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<49.7	U	1020	1112		mg/Kg		109	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.7	U	1010	1111		mg/Kg		106	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*127*		*70 - 130*
1-Chlorooctane	*121*		*70 - 130*

Lab Sample ID: MB 880-72722/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 73204 — **Prep Batch: 72722**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/09/24 10:46	02/15/24 07:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/09/24 10:46	02/15/24 07:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/09/24 10:46	02/15/24 07:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*249*	*S1+*	*70 - 130*	*02/09/24 10:46*	*02/15/24 07:31*	*1*
o-Terphenyl (Surr)	*223*	*S1+*	*70 - 130*	*02/09/24 10:46*	*02/15/24 07:31*	*1*

Lab Sample ID: LCS 880-72722/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 73204 — **Prep Batch: 72722**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	941.1		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)			1000	966.1		mg/Kg		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*113*		*70 - 130*
o-Terphenyl (Surr)	*120*		*70 - 130*

Eurofins El Paso

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: LCSD 880-72722/3-A
Matrix: Solid
Analysis Batch: 73204

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 72722

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	924.3		mg/Kg		92	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	989.1		mg/Kg		99	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*110*		*70 - 130*
o-Terphenyl (Surr)	*111*		*70 - 130*

Lab Sample ID: 880-39032-A-41-E MS
Matrix: Solid
Analysis Batch: 73204

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1010	1141		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	<49.6	U F1	1010	1437	F1	mg/Kg		140	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*126*		*70 - 130*
o-Terphenyl (Surr)	*87*		*70 - 130*

Lab Sample ID: 880-39032-A-41-F MSD
Matrix: Solid
Analysis Batch: 73204

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72722

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	<49.6	U	1010	1070		mg/Kg		102	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.6	U F1	1010	1391	F1	mg/Kg		136	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*120*		*70 - 130*
o-Terphenyl (Surr)	*85*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-71868/1-A
Matrix: Solid
Analysis Batch: 72019

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/31/24 19:13	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-71868/2-A
Matrix: Solid
Analysis Batch: 72019

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	261.0		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-71868/3-A
Matrix: Solid
Analysis Batch: 72019

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	261.1		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 830-4819-1 MS
Matrix: Solid
Analysis Batch: 72019

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	52.6		249	317.7		mg/Kg		107	90 - 110		

Lab Sample ID: 830-4819-1 MSD
Matrix: Solid
Analysis Batch: 72019

Client Sample ID: New Boring - 3 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	52.6		249	315.3		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 830-4819-101 MS
Matrix: Solid
Analysis Batch: 72019

Client Sample ID: Confirmation Boring 1 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	389	F1	252	697.4	F1	mg/Kg		123	90 - 110		

Lab Sample ID: 830-4819-101 MSD
Matrix: Solid
Analysis Batch: 72019

Client Sample ID: Confirmation Boring 1 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	389	F1	252	691.4	F1	mg/Kg		120	90 - 110	1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA

Prep Batch: 71786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71786/5-A	Method Blank	Total/NA	Water	5035	

Analysis Batch: 71848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-61	TB-01-23-24-01	Total/NA	Water	8021B	
MB 880-71786/5-A	Method Blank	Total/NA	Water	8021B	71786
MB 880-71848/39	Method Blank	Total/NA	Water	8021B	
LCS 880-71848/34	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-71848/35	Lab Control Sample Dup	Total/NA	Water	8021B	
890-5998-A-65 MS	Matrix Spike	Total/NA	Water	8021B	
890-5998-A-65 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	

Prep Batch: 71849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Total/NA	Solid	5035	
830-4819-2	New Boring - 3 @ 3'	Total/NA	Solid	5035	
830-4819-3	New Boring - 3 @ 5'	Total/NA	Solid	5035	
830-4819-4	New Boring - 3 @ 10'	Total/NA	Solid	5035	
830-4819-5	New Boring - 3 @ 15'	Total/NA	Solid	5035	
830-4819-6	New Boring - 3 @ 20'	Total/NA	Solid	5035	
830-4819-7	New Boring - 3 @ 25'	Total/NA	Solid	5035	
830-4819-8	New Boring - 3 @ 30'	Total/NA	Solid	5035	
830-4819-9	New Boring - 3 @ 40'	Total/NA	Solid	5035	
830-4819-10	New Boring - 3 @ 50'	Total/NA	Solid	5035	
830-4819-11	New Boring - 5 @ 0-1'	Total/NA	Solid	5035	
830-4819-12	New Boring - 5 @ 3'	Total/NA	Solid	5035	
830-4819-13	New Boring - 5 @ 5'	Total/NA	Solid	5035	
830-4819-14	New Boring - 5 @ 10'	Total/NA	Solid	5035	
830-4819-15	New Boring - 5 @ 15'	Total/NA	Solid	5035	
830-4819-16	New Boring - 5 @ 20'	Total/NA	Solid	5035	
830-4819-17	New Boring - 5 @ 25'	Total/NA	Solid	5035	
830-4819-18	New Boring - 5 @ 30'	Total/NA	Solid	5035	
830-4819-19	New Boring - 5 @ 40'	Total/NA	Solid	5035	
830-4819-20	New Boring - 5 @ 50'	Total/NA	Solid	5035	
MB 880-71849/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71849/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71849/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
830-4819-1 MS	New Boring - 3 @ 0-1'	Total/NA	Solid	5035	
830-4819-1 MSD	New Boring - 3 @ 0-1'	Total/NA	Solid	5035	

Prep Batch: 71862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-21	New Boring - 6 @ 0-1'	Total/NA	Solid	5035	
830-4819-22	New Boring - 6 @ 3'	Total/NA	Solid	5035	
830-4819-23	New Boring - 6 @ 5'	Total/NA	Solid	5035	
830-4819-24	New Boring - 6 @ 10'	Total/NA	Solid	5035	
830-4819-25	New Boring - 6 @ 15'	Total/NA	Solid	5035	
830-4819-26	New Boring - 6 @ 20'	Total/NA	Solid	5035	
830-4819-27	New Boring - 6 @ 25'	Total/NA	Solid	5035	
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	5035	
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Prep Batch: 71862 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-30	New Boring - 6 @ 50'	Total/NA	Solid	5035	
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	5035	
830-4819-32	New Boring - 6 @ 70'	Total/NA	Solid	5035	
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	5035	
830-4819-34	New Boring - 6 @ 90'	Total/NA	Solid	5035	
830-4819-35	New Boring - 6 @ 100'	Total/NA	Solid	5035	
830-4819-36	New Boring 7- @ 0-1'	Total/NA	Solid	5035	
830-4819-37	New Boring 7 - @ 3'	Total/NA	Solid	5035	
830-4819-38	New Boring 7- @ 5'	Total/NA	Solid	5035	
830-4819-39	New Boring 7- @ 10'	Total/NA	Solid	5035	
830-4819-40	New Boring 7- @ 15'	Total/NA	Solid	5035	
MB 880-71862/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71862/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71862/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
830-4819-21 MS	New Boring - 6 @ 0-1'	Total/NA	Solid	5035	
830-4819-21 MSD	New Boring - 6 @ 0-1'	Total/NA	Solid	5035	

Prep Batch: 71863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-41	New Boring 7- @ 20'	Total/NA	Solid	5035	
830-4819-42	New Boring 7- @ 25'	Total/NA	Solid	5035	
830-4819-43	New Boring 7- @ 30'	Total/NA	Solid	5035	
830-4819-44	New Boring 7- @ 40'	Total/NA	Solid	5035	
830-4819-45	New Boring 7- @ 50'	Total/NA	Solid	5035	
830-4819-46	New Boring 8- @ 0-1'	Total/NA	Solid	5035	
830-4819-47	New Boring 8- @ 3'	Total/NA	Solid	5035	
830-4819-48	New Boring 8- @ 5'	Total/NA	Solid	5035	
830-4819-49	New Boring 8- @ 10'	Total/NA	Solid	5035	
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	5035	
830-4819-51	New Boring 8- @ 20'	Total/NA	Solid	5035	
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	5035	
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	5035	
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	5035	
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	5035	
830-4819-56	New Boring 8- @ 60'	Total/NA	Solid	5035	
830-4819-57	New Boring 8- @ 70'	Total/NA	Solid	5035	
830-4819-58	New Boring 8- @ 80'	Total/NA	Solid	5035	
830-4819-59	New Boring 8- @ 90'	Total/NA	Solid	5035	
830-4819-60	New Boring 8- @ 100'	Total/NA	Solid	5035	
MB 880-71863/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71863/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71863/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
830-4819-41 MS	New Boring 7- @ 20'	Total/NA	Solid	5035	
830-4819-41 MSD	New Boring 7- @ 20'	Total/NA	Solid	5035	

Prep Batch: 71864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-62	New Boring 9- @ 0-1 '	Total/NA	Solid	5035	
830-4819-63	New Boring 9- @ 3'	Total/NA	Solid	5035	
830-4819-64	New Boring 9- @ 5'	Total/NA	Solid	5035	
830-4819-65	New Boring 9- @ 10'	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Prep Batch: 71864 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-66	New Boring 9- @ 15'	Total/NA	Solid	5035	
830-4819-67	New Boring 9- @ 20'	Total/NA	Solid	5035	
830-4819-68	New Boring 9- @ 25'	Total/NA	Solid	5035	
830-4819-69	New Boring 9- @ 30'	Total/NA	Solid	5035	
830-4819-70	New Boring 9- @ 40'	Total/NA	Solid	5035	
830-4819-71	New Boring 9- @ 50'	Total/NA	Solid	5035	
830-4819-72	New Boring 10- @ 0-1 '	Total/NA	Solid	5035	
830-4819-73	New Boring 10- @ 3 '	Total/NA	Solid	5035	
830-4819-74	New Boring 10- @ 5 '	Total/NA	Solid	5035	
830-4819-75	New Boring 10- @ 10 '	Total/NA	Solid	5035	
830-4819-76	New Boring 10- @ 15 '	Total/NA	Solid	5035	
830-4819-77	New Boring 10- @ 20 '	Total/NA	Solid	5035	
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	5035	
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	5035	
830-4819-80	New Boring 10- @ 40 '	Total/NA	Solid	5035	
MB 880-71864/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71864/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71864/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
830-4819-62 MS	New Boring 9- @ 0-1 '	Total/NA	Solid	5035	
830-4819-62 MSD	New Boring 9- @ 0-1 '	Total/NA	Solid	5035	

Prep Batch: 71865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-81	New Boring 10- @ 50 '	Total/NA	Solid	5035	
830-4819-82	New Boring 10- @ 60 '	Total/NA	Solid	5035	
830-4819-83	New Boring 10- @ 70 '	Total/NA	Solid	5035	
830-4819-84	New Boring 10- @ 80 '	Total/NA	Solid	5035	
830-4819-85	New Boring 11- @ 0-1 '	Total/NA	Solid	5035	
830-4819-86	New Boring 11- @ 3 '	Total/NA	Solid	5035	
830-4819-87	New Boring 11- @ 5 '	Total/NA	Solid	5035	
830-4819-88	New Boring 11- @ 10 '	Total/NA	Solid	5035	
830-4819-89	New Boring 11- @ 15 '	Total/NA	Solid	5035	
830-4819-90	New Boring 11- @ 20 '	Total/NA	Solid	5035	
830-4819-91	New Boring 11- @ 25'	Total/NA	Solid	5035	
830-4819-92	New Boring 11- @ 30'	Total/NA	Solid	5035	
830-4819-93	New Boring 11- @ 40'	Total/NA	Solid	5035	
830-4819-94	New Boring 11- @ 50'	Total/NA	Solid	5035	
830-4819-95	Confirmation Boring 3 @ 0-1'	Total/NA	Solid	5035	
830-4819-96	Confirmation Boring 3 @ 3'	Total/NA	Solid	5035	
830-4819-97	Confirmation Boring 3 @ 5'	Total/NA	Solid	5035	
830-4819-98	Confirmation Boring 2@ 0-1'	Total/NA	Solid	5035	
830-4819-99	Confirmation Boring 2 @ 3'	Total/NA	Solid	5035	
830-4819-100	Confirmation Boring 2 @ 5'	Total/NA	Solid	5035	
MB 880-71865/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71865/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71865/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
830-4819-81 MS	New Boring 10- @ 50 '	Total/NA	Solid	5035	
830-4819-81 MSD	New Boring 10- @ 50 '	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA

Prep Batch: 71866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-101	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	5035	
830-4819-102	Confirmation Boring 1 @ 3'	Total/NA	Solid	5035	
830-4819-103	Confirmation Boring 1 @ 5'	Total/NA	Solid	5035	
830-4819-104	Confirmation Boring 4@ 0-1'	Total/NA	Solid	5035	
830-4819-105	Confirmation Boring 4 @ 3'	Total/NA	Solid	5035	
830-4819-106	Confirmation Boring 4 @ 5'	Total/NA	Solid	5035	
830-4819-107	New Boring 1 @ 0-1'	Total/NA	Solid	5035	
830-4819-108	New Boring 1 @ -3'	Total/NA	Solid	5035	
830-4819-109	New Boring 1 @ -5'	Total/NA	Solid	5035	
830-4819-110	New Boring 4 @ 0-1'	Total/NA	Solid	5035	
830-4819-111	New Boring 4 @ -3'	Total/NA	Solid	5035	
830-4819-112	New Boring 4 @ -5'	Total/NA	Solid	5035	
830-4819-113	New Boring 2 @ 0-1'	Total/NA	Solid	5035	
830-4819-114	New Boring 2 @ 3'	Total/NA	Solid	5035	
830-4819-115	New Boring 2 @ 5'	Total/NA	Solid	5035	
MB 880-71866/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71866/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71866/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
830-4819-101 MS	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	5035	
830-4819-101 MSD	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	5035	

Analysis Batch: 71955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-2	New Boring - 3 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-3	New Boring - 3 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-4	New Boring - 3 @ 10'	Total/NA	Solid	Total BTEX	
830-4819-5	New Boring - 3 @ 15'	Total/NA	Solid	Total BTEX	
830-4819-6	New Boring - 3 @ 20'	Total/NA	Solid	Total BTEX	
830-4819-7	New Boring - 3 @ 25'	Total/NA	Solid	Total BTEX	
830-4819-8	New Boring - 3 @ 30'	Total/NA	Solid	Total BTEX	
830-4819-9	New Boring - 3 @ 40'	Total/NA	Solid	Total BTEX	
830-4819-10	New Boring - 3 @ 50'	Total/NA	Solid	Total BTEX	
830-4819-11	New Boring - 5 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-12	New Boring - 5 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-13	New Boring - 5 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-14	New Boring - 5 @ 10'	Total/NA	Solid	Total BTEX	
830-4819-15	New Boring - 5 @ 15'	Total/NA	Solid	Total BTEX	
830-4819-16	New Boring - 5 @ 20'	Total/NA	Solid	Total BTEX	
830-4819-17	New Boring - 5 @ 25'	Total/NA	Solid	Total BTEX	
830-4819-18	New Boring - 5 @ 30'	Total/NA	Solid	Total BTEX	
830-4819-19	New Boring - 5 @ 40'	Total/NA	Solid	Total BTEX	
830-4819-20	New Boring - 5 @ 50'	Total/NA	Solid	Total BTEX	
830-4819-21	New Boring - 6 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-22	New Boring - 6 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-23	New Boring - 6 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-24	New Boring - 6 @ 10'	Total/NA	Solid	Total BTEX	
830-4819-25	New Boring - 6 @ 15'	Total/NA	Solid	Total BTEX	
830-4819-26	New Boring - 6 @ 20'	Total/NA	Solid	Total BTEX	
830-4819-27	New Boring - 6 @ 25'	Total/NA	Solid	Total BTEX	
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Analysis Batch: 71955 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	Total BTEX	
830-4819-30	New Boring - 6 @ 50'	Total/NA	Solid	Total BTEX	
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	Total BTEX	
830-4819-32	New Boring - 6 @ 70'	Total/NA	Solid	Total BTEX	
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	Total BTEX	
830-4819-34	New Boring - 6 @ 90'	Total/NA	Solid	Total BTEX	
830-4819-35	New Boring - 6 @ 100'	Total/NA	Solid	Total BTEX	
830-4819-36	New Boring 7- @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-37	New Boring 7 - @ 3'	Total/NA	Solid	Total BTEX	
830-4819-38	New Boring 7- @ 5'	Total/NA	Solid	Total BTEX	
830-4819-39	New Boring 7- @ 10'	Total/NA	Solid	Total BTEX	
830-4819-40	New Boring 7- @ 15'	Total/NA	Solid	Total BTEX	
830-4819-41	New Boring 7- @ 20'	Total/NA	Solid	Total BTEX	
830-4819-42	New Boring 7- @ 25'	Total/NA	Solid	Total BTEX	
830-4819-43	New Boring 7- @ 30'	Total/NA	Solid	Total BTEX	
830-4819-44	New Boring 7- @ 40'	Total/NA	Solid	Total BTEX	
830-4819-45	New Boring 7- @ 50'	Total/NA	Solid	Total BTEX	
830-4819-46	New Boring 8- @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-47	New Boring 8- @ 3'	Total/NA	Solid	Total BTEX	
830-4819-48	New Boring 8- @ 5'	Total/NA	Solid	Total BTEX	
830-4819-49	New Boring 8- @ 10'	Total/NA	Solid	Total BTEX	
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	Total BTEX	
830-4819-51	New Boring 8- @ 20'	Total/NA	Solid	Total BTEX	
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	Total BTEX	
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	Total BTEX	
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	Total BTEX	
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	Total BTEX	
830-4819-56	New Boring 8- @ 60'	Total/NA	Solid	Total BTEX	
830-4819-57	New Boring 8- @ 70'	Total/NA	Solid	Total BTEX	
830-4819-58	New Boring 8- @ 80'	Total/NA	Solid	Total BTEX	
830-4819-59	New Boring 8- @ 90'	Total/NA	Solid	Total BTEX	
830-4819-60	New Boring 8- @ 100'	Total/NA	Solid	Total BTEX	
830-4819-61	TB-01-23-24-01	Total/NA	Water	Total BTEX	
830-4819-62	New Boring 9- @ 0-1 '	Total/NA	Solid	Total BTEX	
830-4819-63	New Boring 9- @ 3'	Total/NA	Solid	Total BTEX	
830-4819-64	New Boring 9- @ 5'	Total/NA	Solid	Total BTEX	
830-4819-65	New Boring 9- @ 10'	Total/NA	Solid	Total BTEX	
830-4819-66	New Boring 9- @ 15'	Total/NA	Solid	Total BTEX	
830-4819-67	New Boring 9- @ 20'	Total/NA	Solid	Total BTEX	
830-4819-68	New Boring 9- @ 25'	Total/NA	Solid	Total BTEX	
830-4819-69	New Boring 9- @ 30'	Total/NA	Solid	Total BTEX	
830-4819-70	New Boring 9- @ 40'	Total/NA	Solid	Total BTEX	
830-4819-71	New Boring 9- @ 50'	Total/NA	Solid	Total BTEX	
830-4819-72	New Boring 10- @ 0-1 '	Total/NA	Solid	Total BTEX	
830-4819-73	New Boring 10- @ 3 '	Total/NA	Solid	Total BTEX	
830-4819-74	New Boring 10- @ 5 '	Total/NA	Solid	Total BTEX	
830-4819-75	New Boring 10- @ 10 '	Total/NA	Solid	Total BTEX	
830-4819-76	New Boring 10- @ 15 '	Total/NA	Solid	Total BTEX	
830-4819-77	New Boring 10- @ 20 '	Total/NA	Solid	Total BTEX	
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	Total BTEX	
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Analysis Batch: 71955 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-80	New Boring 10- @ 40 '	Total/NA	Solid	Total BTEX	
830-4819-81	New Boring 10- @ 50 '	Total/NA	Solid	Total BTEX	
830-4819-82	New Boring 10- @ 60 '	Total/NA	Solid	Total BTEX	
830-4819-83	New Boring 10- @ 70 '	Total/NA	Solid	Total BTEX	
830-4819-84	New Boring 10- @ 80 '	Total/NA	Solid	Total BTEX	
830-4819-85	New Boring 11- @ 0-1 '	Total/NA	Solid	Total BTEX	
830-4819-86	New Boring 11- @ 3 '	Total/NA	Solid	Total BTEX	
830-4819-87	New Boring 11- @ 5 '	Total/NA	Solid	Total BTEX	
830-4819-88	New Boring 11- @ 10 '	Total/NA	Solid	Total BTEX	
830-4819-89	New Boring 11- @ 15 '	Total/NA	Solid	Total BTEX	
830-4819-90	New Boring 11- @ 20 '	Total/NA	Solid	Total BTEX	
830-4819-91	New Boring 11- @ 25'	Total/NA	Solid	Total BTEX	
830-4819-92	New Boring 11- @ 30'	Total/NA	Solid	Total BTEX	
830-4819-93	New Boring 11- @ 40'	Total/NA	Solid	Total BTEX	
830-4819-94	New Boring 11- @ 50'	Total/NA	Solid	Total BTEX	
830-4819-95	Confirmation Boring 3 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-96	Confirmation Boring 3 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-97	Confirmation Boring 3 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-98	Confirmation Boring 2@ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-99	Confirmation Boring 2 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-100	Confirmation Boring 2 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-101	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-102	Confirmation Boring 1 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-103	Confirmation Boring 1 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-104	Confirmation Boring 4@ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-105	Confirmation Boring 4 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-106	Confirmation Boring 4 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-107	New Boring 1 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-108	New Boring 1 @ -3'	Total/NA	Solid	Total BTEX	
830-4819-109	New Boring 1 @ -5'	Total/NA	Solid	Total BTEX	
830-4819-110	New Boring 4 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-111	New Boring 4 @ -3'	Total/NA	Solid	Total BTEX	
830-4819-112	New Boring 4 @ -5'	Total/NA	Solid	Total BTEX	
830-4819-113	New Boring 2 @ 0-1'	Total/NA	Solid	Total BTEX	
830-4819-114	New Boring 2 @ 3'	Total/NA	Solid	Total BTEX	
830-4819-115	New Boring 2 @ 5'	Total/NA	Solid	Total BTEX	
830-4819-116	TB-01-23-24--02	Total/NA	Water	Total BTEX	

Prep Batch: 72060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-72060/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 72102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-72102/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 72103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	5035	
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	5035	
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Prep Batch: 72103 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	5035	
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	5035	
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	5035	
MB 880-72103/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-72103/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-72103/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 72114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	5035	
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	5035	
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	5035	
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	5035	
MB 880-72114/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-72114/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-72114/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6042-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-6042-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 72197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Total/NA	Solid	8021B	71849
830-4819-2	New Boring - 3 @ 3'	Total/NA	Solid	8021B	71849
830-4819-3	New Boring - 3 @ 5'	Total/NA	Solid	8021B	71849
830-4819-4	New Boring - 3 @ 10'	Total/NA	Solid	8021B	71849
830-4819-5	New Boring - 3 @ 15'	Total/NA	Solid	8021B	71849
830-4819-6	New Boring - 3 @ 20'	Total/NA	Solid	8021B	71849
830-4819-7	New Boring - 3 @ 25'	Total/NA	Solid	8021B	71849
830-4819-8	New Boring - 3 @ 30'	Total/NA	Solid	8021B	71849
830-4819-9	New Boring - 3 @ 40'	Total/NA	Solid	8021B	71849
830-4819-10	New Boring - 3 @ 50'	Total/NA	Solid	8021B	71849
830-4819-11	New Boring - 5 @ 0-1'	Total/NA	Solid	8021B	71849
830-4819-12	New Boring - 5 @ 3'	Total/NA	Solid	8021B	71849
830-4819-13	New Boring - 5 @ 5'	Total/NA	Solid	8021B	71849
830-4819-14	New Boring - 5 @ 10'	Total/NA	Solid	8021B	71849
830-4819-15	New Boring - 5 @ 15'	Total/NA	Solid	8021B	71849
830-4819-16	New Boring - 5 @ 20'	Total/NA	Solid	8021B	71849
830-4819-17	New Boring - 5 @ 25'	Total/NA	Solid	8021B	71849
830-4819-18	New Boring - 5 @ 30'	Total/NA	Solid	8021B	71849
830-4819-19	New Boring - 5 @ 40'	Total/NA	Solid	8021B	71849
830-4819-20	New Boring - 5 @ 50'	Total/NA	Solid	8021B	71849
MB 880-71849/5-A	Method Blank	Total/NA	Solid	8021B	71849
MB 880-72060/5-A	Method Blank	Total/NA	Solid	8021B	72060
LCS 880-71849/1-A	Lab Control Sample	Total/NA	Solid	8021B	71849
LCSD 880-71849/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71849
830-4819-1 MS	New Boring - 3 @ 0-1'	Total/NA	Solid	8021B	71849
830-4819-1 MSD	New Boring - 3 @ 0-1'	Total/NA	Solid	8021B	71849

Analysis Batch: 72266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-21	New Boring - 6 @ 0-1'	Total/NA	Solid	8021B	71862

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Analysis Batch: 72266 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-22	New Boring - 6 @ 3'	Total/NA	Solid	8021B	71862
830-4819-23	New Boring - 6 @ 5'	Total/NA	Solid	8021B	71862
830-4819-24	New Boring - 6 @ 10'	Total/NA	Solid	8021B	71862
830-4819-25	New Boring - 6 @ 15'	Total/NA	Solid	8021B	71862
830-4819-26	New Boring - 6 @ 20'	Total/NA	Solid	8021B	71862
830-4819-27	New Boring - 6 @ 25'	Total/NA	Solid	8021B	71862
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	8021B	71862
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	8021B	71862
830-4819-30	New Boring - 6 @ 50'	Total/NA	Solid	8021B	71862
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	8021B	71862
830-4819-32	New Boring - 6 @ 70'	Total/NA	Solid	8021B	71862
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	8021B	71862
830-4819-34	New Boring - 6 @ 90'	Total/NA	Solid	8021B	71862
830-4819-35	New Boring - 6 @ 100'	Total/NA	Solid	8021B	71862
830-4819-36	New Boring 7- @ 0-1'	Total/NA	Solid	8021B	71862
830-4819-37	New Boring 7 - @ 3'	Total/NA	Solid	8021B	71862
830-4819-38	New Boring 7- @ 5'	Total/NA	Solid	8021B	71862
830-4819-39	New Boring 7- @ 10'	Total/NA	Solid	8021B	71862
830-4819-40	New Boring 7- @ 15'	Total/NA	Solid	8021B	71862
830-4819-81	New Boring 10- @ 50 '	Total/NA	Solid	8021B	71865
830-4819-82	New Boring 10- @ 60 '	Total/NA	Solid	8021B	71865
830-4819-83	New Boring 10- @ 70 '	Total/NA	Solid	8021B	71865
830-4819-84	New Boring 10- @ 80 '	Total/NA	Solid	8021B	71865
830-4819-85	New Boring 11- @ 0-1 '	Total/NA	Solid	8021B	71865
830-4819-86	New Boring 11- @ 3 '	Total/NA	Solid	8021B	71865
830-4819-87	New Boring 11- @ 5 '	Total/NA	Solid	8021B	71865
830-4819-88	New Boring 11- @ 10 '	Total/NA	Solid	8021B	71865
830-4819-89	New Boring 11- @ 15 '	Total/NA	Solid	8021B	71865
830-4819-90	New Boring 11- @ 20 '	Total/NA	Solid	8021B	71865
830-4819-91	New Boring 11- @ 25'	Total/NA	Solid	8021B	71865
830-4819-92	New Boring 11- @ 30'	Total/NA	Solid	8021B	71865
830-4819-93	New Boring 11- @ 40'	Total/NA	Solid	8021B	71865
830-4819-94	New Boring 11- @ 50'	Total/NA	Solid	8021B	71865
830-4819-95	Confirmation Boring 3 @ 0-1'	Total/NA	Solid	8021B	71865
830-4819-96	Confirmation Boring 3 @ 3'	Total/NA	Solid	8021B	71865
830-4819-97	Confirmation Boring 3 @ 5'	Total/NA	Solid	8021B	71865
830-4819-98	Confirmation Boring 2@ 0-1'	Total/NA	Solid	8021B	71865
830-4819-99	Confirmation Boring 2 @ 3'	Total/NA	Solid	8021B	71865
830-4819-100	Confirmation Boring 2 @ 5'	Total/NA	Solid	8021B	71865
MB 880-71862/5-A	Method Blank	Total/NA	Solid	8021B	71862
MB 880-71865/5-A	Method Blank	Total/NA	Solid	8021B	71865
MB 880-72102/5-A	Method Blank	Total/NA	Solid	8021B	72102
LCS 880-71862/1-A	Lab Control Sample	Total/NA	Solid	8021B	71862
LCS 880-71865/1-A	Lab Control Sample	Total/NA	Solid	8021B	71865
LCSD 880-71862/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71862
LCSD 880-71865/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71865
830-4819-21 MS	New Boring - 6 @ 0-1'	Total/NA	Solid	8021B	71862
830-4819-21 MSD	New Boring - 6 @ 0-1'	Total/NA	Solid	8021B	71862
830-4819-81 MS	New Boring 10- @ 50 '	Total/NA	Solid	8021B	71865
830-4819-81 MSD	New Boring 10- @ 50 '	Total/NA	Solid	8021B	71865

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA

Analysis Batch: 72288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-41	New Boring 7- @ 20'	Total/NA	Solid	8021B	71863
830-4819-42	New Boring 7- @ 25'	Total/NA	Solid	8021B	71863
830-4819-43	New Boring 7- @ 30'	Total/NA	Solid	8021B	71863
830-4819-44	New Boring 7- @ 40'	Total/NA	Solid	8021B	71863
830-4819-45	New Boring 7- @ 50'	Total/NA	Solid	8021B	71863
830-4819-46	New Boring 8- @ 0-1'	Total/NA	Solid	8021B	71863
830-4819-47	New Boring 8- @ 3'	Total/NA	Solid	8021B	71863
830-4819-48	New Boring 8- @ 5'	Total/NA	Solid	8021B	71863
830-4819-49	New Boring 8- @ 10'	Total/NA	Solid	8021B	71863
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	8021B	71863
830-4819-51	New Boring 8- @ 20'	Total/NA	Solid	8021B	71863
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	8021B	71863
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	8021B	71863
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	8021B	71863
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	8021B	71863
830-4819-56	New Boring 8- @ 60'	Total/NA	Solid	8021B	71863
830-4819-57	New Boring 8- @ 70'	Total/NA	Solid	8021B	71863
830-4819-58	New Boring 8- @ 80'	Total/NA	Solid	8021B	71863
830-4819-59	New Boring 8- @ 90'	Total/NA	Solid	8021B	71863
830-4819-60	New Boring 8- @ 100'	Total/NA	Solid	8021B	71863
830-4819-62	New Boring 9- @ 0-1 '	Total/NA	Solid	8021B	71864
830-4819-63	New Boring 9- @ 3'	Total/NA	Solid	8021B	71864
830-4819-64	New Boring 9- @ 5'	Total/NA	Solid	8021B	71864
830-4819-65	New Boring 9- @ 10'	Total/NA	Solid	8021B	71864
830-4819-66	New Boring 9- @ 15'	Total/NA	Solid	8021B	71864
830-4819-67	New Boring 9- @ 20'	Total/NA	Solid	8021B	71864
830-4819-68	New Boring 9- @ 25'	Total/NA	Solid	8021B	71864
830-4819-69	New Boring 9- @ 30'	Total/NA	Solid	8021B	71864
830-4819-70	New Boring 9- @ 40'	Total/NA	Solid	8021B	71864
830-4819-71	New Boring 9- @ 50'	Total/NA	Solid	8021B	71864
830-4819-72	New Boring 10- @ 0-1 '	Total/NA	Solid	8021B	71864
830-4819-73	New Boring 10- @ 3 '	Total/NA	Solid	8021B	71864
830-4819-74	New Boring 10- @ 5 '	Total/NA	Solid	8021B	71864
830-4819-75	New Boring 10- @ 10 '	Total/NA	Solid	8021B	71864
830-4819-76	New Boring 10- @ 15 '	Total/NA	Solid	8021B	71864
830-4819-77	New Boring 10- @ 20 '	Total/NA	Solid	8021B	71864
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	8021B	71864
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	8021B	71864
830-4819-80	New Boring 10- @ 40 '	Total/NA	Solid	8021B	71864
830-4819-101	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	8021B	71866
830-4819-102	Confirmation Boring 1 @ 3'	Total/NA	Solid	8021B	71866
830-4819-103	Confirmation Boring 1 @ 5'	Total/NA	Solid	8021B	71866
830-4819-104	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8021B	71866
830-4819-105	Confirmation Boring 4 @ 3'	Total/NA	Solid	8021B	71866
830-4819-106	Confirmation Boring 4 @ 5'	Total/NA	Solid	8021B	71866
830-4819-107	New Boring 1 @ 0-1'	Total/NA	Solid	8021B	71866
830-4819-108	New Boring 1 @ -3'	Total/NA	Solid	8021B	71866
830-4819-109	New Boring 1 @ -5'	Total/NA	Solid	8021B	71866
830-4819-110	New Boring 4 @ 0-1'	Total/NA	Solid	8021B	71866
830-4819-111	New Boring 4 @ -3'	Total/NA	Solid	8021B	71866
830-4819-112	New Boring 4 @ -5'	Total/NA	Solid	8021B	71866

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Analysis Batch: 72288 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-113	New Boring 2 @ 0-1'	Total/NA	Solid	8021B	71866
830-4819-114	New Boring 2 @ 3'	Total/NA	Solid	8021B	71866
830-4819-115	New Boring 2 @ 5'	Total/NA	Solid	8021B	71866
MB 880-71863/5-A	Method Blank	Total/NA	Solid	8021B	71863
MB 880-71864/5-A	Method Blank	Total/NA	Solid	8021B	71864
MB 880-71866/5-A	Method Blank	Total/NA	Solid	8021B	71866
LCS 880-71863/1-A	Lab Control Sample	Total/NA	Solid	8021B	71863
LCS 880-71864/1-A	Lab Control Sample	Total/NA	Solid	8021B	71864
LCS 880-71866/1-A	Lab Control Sample	Total/NA	Solid	8021B	71866
LCSD 880-71863/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71863
LCSD 880-71864/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71864
LCSD 880-71866/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71866
830-4819-41 MS	New Boring 7- @ 20'	Total/NA	Solid	8021B	71863
830-4819-41 MSD	New Boring 7- @ 20'	Total/NA	Solid	8021B	71863
830-4819-62 MS	New Boring 9- @ 0-1 '	Total/NA	Solid	8021B	71864
830-4819-62 MSD	New Boring 9- @ 0-1 '	Total/NA	Solid	8021B	71864
830-4819-101 MS	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	8021B	71866
830-4819-101 MSD	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	8021B	71866

Analysis Batch: 72315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	8021B	72362
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	8021B	72103
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	8021B	72103
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	8021B	72103
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	8021B	72103
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	8021B	72103
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	8021B	72103
830-4819-116	TB-01-23-24--02	Total/NA	Water	8021B	
MB 880-72103/5-A	Method Blank	Total/NA	Solid	8021B	72103
MB 880-72315/70	Method Blank	Total/NA	Water	8021B	
MB 880-72362/5-A	Method Blank	Total/NA	Solid	8021B	72362
LCS 880-72103/1-A	Lab Control Sample	Total/NA	Solid	8021B	72103
LCS 880-72315/65	Lab Control Sample	Total/NA	Water	8021B	
LCS 880-72362/1-A	Lab Control Sample	Total/NA	Solid	8021B	72362
LCSD 880-72103/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	72103
LCSD 880-72315/66	Lab Control Sample Dup	Total/NA	Water	8021B	
LCSD 880-72362/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	72362
830-4819-116 MS	TB-01-23-24--02	Total/NA	Water	8021B	
830-4819-116 MSD	TB-01-23-24--02	Total/NA	Water	8021B	

Analysis Batch: 72316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	8021B	72114
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	8021B	72114
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	8021B	72114
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	8021B	72114
MB 880-72114/5-A	Method Blank	Total/NA	Solid	8021B	72114
LCS 880-72114/1-A	Lab Control Sample	Total/NA	Solid	8021B	72114
LCSD 880-72114/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	72114
890-6042-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	72114

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC VOA (Continued)

Analysis Batch: 72316 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6042-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	72114

Prep Batch: 72362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	5035	
MB 880-72362/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-72362/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-72362/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 17633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-21	New Boring - 6 @ 0-1'	Total/NA	Solid	8015B NM	17650
830-4819-22	New Boring - 6 @ 3'	Total/NA	Solid	8015B NM	17650
830-4819-23	New Boring - 6 @ 5'	Total/NA	Solid	8015B NM	17650
830-4819-24	New Boring - 6 @ 10'	Total/NA	Solid	8015B NM	17650
830-4819-25	New Boring - 6 @ 15'	Total/NA	Solid	8015B NM	17650
830-4819-26	New Boring - 6 @ 20'	Total/NA	Solid	8015B NM	17650
830-4819-27	New Boring - 6 @ 25'	Total/NA	Solid	8015B NM	17650
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	8015B NM	17650
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	8015B NM	17650
830-4819-30	New Boring - 6 @ 50'	Total/NA	Solid	8015B NM	17650
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	8015B NM	17650
830-4819-32	New Boring - 6 @ 70'	Total/NA	Solid	8015B NM	17650
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	8015B NM	17650
830-4819-34	New Boring - 6 @ 90'	Total/NA	Solid	8015B NM	17650
830-4819-35	New Boring - 6 @ 100'	Total/NA	Solid	8015B NM	17650
830-4819-36	New Boring 7- @ 0-1'	Total/NA	Solid	8015B NM	17650
830-4819-37	New Boring 7 - @ 3'	Total/NA	Solid	8015B NM	17650
830-4819-38	New Boring 7- @ 5'	Total/NA	Solid	8015B NM	17650
830-4819-39	New Boring 7- @ 10'	Total/NA	Solid	8015B NM	17650
830-4819-40	New Boring 7- @ 15'	Total/NA	Solid	8015B NM	17650
MB 870-17650/3-A	Method Blank	Total/NA	Solid	8015B NM	17650
LCS 870-17650/1-A	Lab Control Sample	Total/NA	Solid	8015B NM	17650
LCSD 870-17650/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17650
830-4819-21 MS	New Boring - 6 @ 0-1'	Total/NA	Solid	8015B NM	17650
830-4819-21 MSD	New Boring - 6 @ 0-1'	Total/NA	Solid	8015B NM	17650

Prep Batch: 17650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-21	New Boring - 6 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-22	New Boring - 6 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-23	New Boring - 6 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-24	New Boring - 6 @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-25	New Boring - 6 @ 15'	Total/NA	Solid	8015NM Prep	
830-4819-26	New Boring - 6 @ 20'	Total/NA	Solid	8015NM Prep	
830-4819-27	New Boring - 6 @ 25'	Total/NA	Solid	8015NM Prep	
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	8015NM Prep	
830-4819-30	New Boring - 6 @ 50'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Prep Batch: 17650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	8015NM Prep	
830-4819-32	New Boring - 6 @ 70'	Total/NA	Solid	8015NM Prep	
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	8015NM Prep	
830-4819-34	New Boring - 6 @ 90'	Total/NA	Solid	8015NM Prep	
830-4819-35	New Boring - 6 @ 100'	Total/NA	Solid	8015NM Prep	
830-4819-36	New Boring 7- @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-37	New Boring 7 - @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-38	New Boring 7- @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-39	New Boring 7- @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-40	New Boring 7- @ 15'	Total/NA	Solid	8015NM Prep	
MB 870-17650/3-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 870-17650/1-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 870-17650/2-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
830-4819-21 MS	New Boring - 6 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-21 MSD	New Boring - 6 @ 0-1'	Total/NA	Solid	8015NM Prep	

Prep Batch: 17657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-2	New Boring - 3 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-3	New Boring - 3 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-4	New Boring - 3 @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-5	New Boring - 3 @ 15'	Total/NA	Solid	8015NM Prep	
830-4819-6	New Boring - 3 @ 20'	Total/NA	Solid	8015NM Prep	
830-4819-7	New Boring - 3 @ 25'	Total/NA	Solid	8015NM Prep	
830-4819-8	New Boring - 3 @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-9	New Boring - 3 @ 40'	Total/NA	Solid	8015NM Prep	
830-4819-10	New Boring - 3 @ 50'	Total/NA	Solid	8015NM Prep	
830-4819-11	New Boring - 5 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-12	New Boring - 5 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-13	New Boring - 5 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-14	New Boring - 5 @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-15	New Boring - 5 @ 15'	Total/NA	Solid	8015NM Prep	
830-4819-16	New Boring - 5 @ 20'	Total/NA	Solid	8015NM Prep	
830-4819-17	New Boring - 5 @ 25'	Total/NA	Solid	8015NM Prep	
830-4819-18	New Boring - 5 @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-19	New Boring - 5 @ 40'	Total/NA	Solid	8015NM Prep	
830-4819-20	New Boring - 5 @ 50'	Total/NA	Solid	8015NM Prep	
MB 870-17657/3-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 870-17657/1-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 870-17657/2-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
830-4819-1 MS	New Boring - 3 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-1 MSD	New Boring - 3 @ 0-1'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Total/NA	Solid	8015B NM	17657
830-4819-2	New Boring - 3 @ 3'	Total/NA	Solid	8015B NM	17657
830-4819-3	New Boring - 3 @ 5'	Total/NA	Solid	8015B NM	17657
830-4819-4	New Boring - 3 @ 10'	Total/NA	Solid	8015B NM	17657
830-4819-5	New Boring - 3 @ 15'	Total/NA	Solid	8015B NM	17657

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Analysis Batch: 17660 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-6	New Boring - 3 @ 20'	Total/NA	Solid	8015B NM	17657
830-4819-7	New Boring - 3 @ 25'	Total/NA	Solid	8015B NM	17657
830-4819-8	New Boring - 3 @ 30'	Total/NA	Solid	8015B NM	17657
830-4819-9	New Boring - 3 @ 40'	Total/NA	Solid	8015B NM	17657
830-4819-10	New Boring - 3 @ 50'	Total/NA	Solid	8015B NM	17657
830-4819-11	New Boring - 5 @ 0-1'	Total/NA	Solid	8015B NM	17657
830-4819-12	New Boring - 5 @ 3'	Total/NA	Solid	8015B NM	17657
830-4819-13	New Boring - 5 @ 5'	Total/NA	Solid	8015B NM	17657
830-4819-14	New Boring - 5 @ 10'	Total/NA	Solid	8015B NM	17657
830-4819-15	New Boring - 5 @ 15'	Total/NA	Solid	8015B NM	17657
830-4819-16	New Boring - 5 @ 20'	Total/NA	Solid	8015B NM	17657
830-4819-17	New Boring - 5 @ 25'	Total/NA	Solid	8015B NM	17657
830-4819-18	New Boring - 5 @ 30'	Total/NA	Solid	8015B NM	17657
830-4819-19	New Boring - 5 @ 40'	Total/NA	Solid	8015B NM	17657
830-4819-20	New Boring - 5 @ 50'	Total/NA	Solid	8015B NM	17657
MB 870-17657/3-A	Method Blank	Total/NA	Solid	8015B NM	17657
LCS 870-17657/1-A	Lab Control Sample	Total/NA	Solid	8015B NM	17657
LCSD 870-17657/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17657
830-4819-1 MS	New Boring - 3 @ 0-1'	Total/NA	Solid	8015B NM	17657
830-4819-1 MSD	New Boring - 3 @ 0-1'	Total/NA	Solid	8015B NM	17657

Analysis Batch: 17758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-2	New Boring - 3 @ 3'	Total/NA	Solid	8015 NM	
830-4819-3	New Boring - 3 @ 5'	Total/NA	Solid	8015 NM	
830-4819-4	New Boring - 3 @ 10'	Total/NA	Solid	8015 NM	
830-4819-5	New Boring - 3 @ 15'	Total/NA	Solid	8015 NM	
830-4819-6	New Boring - 3 @ 20'	Total/NA	Solid	8015 NM	
830-4819-7	New Boring - 3 @ 25'	Total/NA	Solid	8015 NM	
830-4819-8	New Boring - 3 @ 30'	Total/NA	Solid	8015 NM	
830-4819-9	New Boring - 3 @ 40'	Total/NA	Solid	8015 NM	
830-4819-10	New Boring - 3 @ 50'	Total/NA	Solid	8015 NM	
830-4819-11	New Boring - 5 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-12	New Boring - 5 @ 3'	Total/NA	Solid	8015 NM	
830-4819-13	New Boring - 5 @ 5'	Total/NA	Solid	8015 NM	
830-4819-14	New Boring - 5 @ 10'	Total/NA	Solid	8015 NM	
830-4819-15	New Boring - 5 @ 15'	Total/NA	Solid	8015 NM	
830-4819-16	New Boring - 5 @ 20'	Total/NA	Solid	8015 NM	
830-4819-17	New Boring - 5 @ 25'	Total/NA	Solid	8015 NM	
830-4819-18	New Boring - 5 @ 30'	Total/NA	Solid	8015 NM	
830-4819-19	New Boring - 5 @ 40'	Total/NA	Solid	8015 NM	
830-4819-20	New Boring - 5 @ 50'	Total/NA	Solid	8015 NM	
830-4819-21	New Boring - 6 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-22	New Boring - 6 @ 3'	Total/NA	Solid	8015 NM	
830-4819-23	New Boring - 6 @ 5'	Total/NA	Solid	8015 NM	
830-4819-24	New Boring - 6 @ 10'	Total/NA	Solid	8015 NM	
830-4819-25	New Boring - 6 @ 15'	Total/NA	Solid	8015 NM	
830-4819-26	New Boring - 6 @ 20'	Total/NA	Solid	8015 NM	
830-4819-27	New Boring - 6 @ 25'	Total/NA	Solid	8015 NM	
830-4819-28	New Boring - 6 @ 30'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Analysis Batch: 17758 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-29	New Boring - 6 @ 40'	Total/NA	Solid	8015 NM	
830-4819-30	New Boring - 6 @ 50'	Total/NA	Solid	8015 NM	
830-4819-31	New Boring - 6 @ 60'	Total/NA	Solid	8015 NM	
830-4819-32	New Boring - 6 @ 70'	Total/NA	Solid	8015 NM	
830-4819-33	New Boring - 6 @ 80'	Total/NA	Solid	8015 NM	
830-4819-34	New Boring - 6 @ 90'	Total/NA	Solid	8015 NM	
830-4819-35	New Boring - 6 @ 100'	Total/NA	Solid	8015 NM	
830-4819-36	New Boring 7- @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-37	New Boring 7 - @ 3'	Total/NA	Solid	8015 NM	
830-4819-38	New Boring 7- @ 5'	Total/NA	Solid	8015 NM	
830-4819-39	New Boring 7- @ 10'	Total/NA	Solid	8015 NM	
830-4819-40	New Boring 7- @ 15'	Total/NA	Solid	8015 NM	
830-4819-41	New Boring 7- @ 20'	Total/NA	Solid	8015 NM	
830-4819-42	New Boring 7- @ 25'	Total/NA	Solid	8015 NM	
830-4819-43	New Boring 7- @ 30'	Total/NA	Solid	8015 NM	
830-4819-44	New Boring 7- @ 40'	Total/NA	Solid	8015 NM	
830-4819-45	New Boring 7- @ 50'	Total/NA	Solid	8015 NM	
830-4819-46	New Boring 8- @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-47	New Boring 8- @ 3'	Total/NA	Solid	8015 NM	
830-4819-48	New Boring 8- @ 5'	Total/NA	Solid	8015 NM	
830-4819-49	New Boring 8- @ 10'	Total/NA	Solid	8015 NM	
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	8015 NM	
830-4819-51	New Boring 8- @ 20'	Total/NA	Solid	8015 NM	
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	8015 NM	
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	8015 NM	
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	8015 NM	
830-4819-56	New Boring 8- @ 60'	Total/NA	Solid	8015 NM	
830-4819-57	New Boring 8- @ 70'	Total/NA	Solid	8015 NM	
830-4819-58	New Boring 8- @ 80'	Total/NA	Solid	8015 NM	
830-4819-59	New Boring 8- @ 90'	Total/NA	Solid	8015 NM	
830-4819-60	New Boring 8- @ 100'	Total/NA	Solid	8015 NM	
830-4819-62	New Boring 9- @ 0-1 '	Total/NA	Solid	8015 NM	
830-4819-63	New Boring 9- @ 3'	Total/NA	Solid	8015 NM	
830-4819-64	New Boring 9- @ 5'	Total/NA	Solid	8015 NM	
830-4819-65	New Boring 9- @ 10'	Total/NA	Solid	8015 NM	
830-4819-66	New Boring 9- @ 15'	Total/NA	Solid	8015 NM	
830-4819-67	New Boring 9- @ 20'	Total/NA	Solid	8015 NM	
830-4819-68	New Boring 9- @ 25'	Total/NA	Solid	8015 NM	
830-4819-69	New Boring 9- @ 30'	Total/NA	Solid	8015 NM	
830-4819-70	New Boring 9- @ 40'	Total/NA	Solid	8015 NM	
830-4819-71	New Boring 9- @ 50'	Total/NA	Solid	8015 NM	
830-4819-72	New Boring 10- @ 0-1 '	Total/NA	Solid	8015 NM	
830-4819-73	New Boring 10- @ 3 '	Total/NA	Solid	8015 NM	
830-4819-74	New Boring 10- @ 5 '	Total/NA	Solid	8015 NM	
830-4819-75	New Boring 10- @ 10 '	Total/NA	Solid	8015 NM	
830-4819-76	New Boring 10- @ 15 '	Total/NA	Solid	8015 NM	
830-4819-77	New Boring 10- @ 20 '	Total/NA	Solid	8015 NM	
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	8015 NM	
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	8015 NM	
830-4819-80	New Boring 10- @ 40 '	Total/NA	Solid	8015 NM	
830-4819-81	New Boring 10- @ 50 '	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Analysis Batch: 17758 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-82	New Boring 10- @ 60 '	Total/NA	Solid	8015 NM	
830-4819-83	New Boring 10- @ 70 '	Total/NA	Solid	8015 NM	
830-4819-84	New Boring 10- @ 80 '	Total/NA	Solid	8015 NM	
830-4819-85	New Boring 11- @ 0-1 '	Total/NA	Solid	8015 NM	
830-4819-86	New Boring 11- @ 3 '	Total/NA	Solid	8015 NM	
830-4819-87	New Boring 11- @ 5 '	Total/NA	Solid	8015 NM	
830-4819-88	New Boring 11- @ 10 '	Total/NA	Solid	8015 NM	
830-4819-89	New Boring 11- @ 15 '	Total/NA	Solid	8015 NM	
830-4819-90	New Boring 11- @ 20 '	Total/NA	Solid	8015 NM	
830-4819-91	New Boring 11- @ 25'	Total/NA	Solid	8015 NM	
830-4819-92	New Boring 11- @ 30'	Total/NA	Solid	8015 NM	
830-4819-93	New Boring 11- @ 40'	Total/NA	Solid	8015 NM	
830-4819-94	New Boring 11- @ 50'	Total/NA	Solid	8015 NM	
830-4819-95	Confirmation Boring 3 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-96	Confirmation Boring 3 @ 3'	Total/NA	Solid	8015 NM	
830-4819-97	Confirmation Boring 3 @ 5'	Total/NA	Solid	8015 NM	
830-4819-98	Confirmation Boring 2@ 0-1'	Total/NA	Solid	8015 NM	
830-4819-99	Confirmation Boring 2 @ 3'	Total/NA	Solid	8015 NM	
830-4819-100	Confirmation Boring 2 @ 5'	Total/NA	Solid	8015 NM	
830-4819-101	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-102	Confirmation Boring 1 @ 3'	Total/NA	Solid	8015 NM	
830-4819-103	Confirmation Boring 1 @ 5'	Total/NA	Solid	8015 NM	
830-4819-104	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015 NM	
830-4819-105	Confirmation Boring 4 @ 3'	Total/NA	Solid	8015 NM	
830-4819-106	Confirmation Boring 4 @ 5'	Total/NA	Solid	8015 NM	
830-4819-107	New Boring 1 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-108	New Boring 1 @ -3'	Total/NA	Solid	8015 NM	
830-4819-109	New Boring 1 @ -5'	Total/NA	Solid	8015 NM	
830-4819-110	New Boring 4 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-111	New Boring 4 @ -3'	Total/NA	Solid	8015 NM	
830-4819-112	New Boring 4 @ -5'	Total/NA	Solid	8015 NM	
830-4819-113	New Boring 2 @ 0-1'	Total/NA	Solid	8015 NM	
830-4819-114	New Boring 2 @ 3'	Total/NA	Solid	8015 NM	
830-4819-115	New Boring 2 @ 5'	Total/NA	Solid	8015 NM	

Prep Batch: 17900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-41	New Boring 7- @ 20'	Total/NA	Solid	8015NM Prep	
830-4819-42	New Boring 7- @ 25'	Total/NA	Solid	8015NM Prep	
830-4819-43	New Boring 7- @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-44	New Boring 7- @ 40'	Total/NA	Solid	8015NM Prep	
830-4819-45	New Boring 7- @ 50'	Total/NA	Solid	8015NM Prep	
830-4819-46	New Boring 8- @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-47	New Boring 8- @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-48	New Boring 8- @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-49	New Boring 8- @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	8015NM Prep	
830-4819-51	New Boring 8- @ 20'	Total/NA	Solid	8015NM Prep	
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	8015NM Prep	
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Prep Batch: 17900 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-56	New Boring 8- @ 60'	Total/NA	Solid	8015NM Prep	
830-4819-57	New Boring 8- @ 70'	Total/NA	Solid	8015NM Prep	
830-4819-58	New Boring 8- @ 80'	Total/NA	Solid	8015NM Prep	
830-4819-59	New Boring 8- @ 90'	Total/NA	Solid	8015NM Prep	
830-4819-60	New Boring 8- @ 100'	Total/NA	Solid	8015NM Prep	
MB 870-17900/3-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 870-17900/1-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 870-17900/2-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
830-4819-49 MS	New Boring 8- @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-49 MSD	New Boring 8- @ 10'	Total/NA	Solid	8015NM Prep	

Prep Batch: 17901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-62	New Boring 9- @ 0-1 '	Total/NA	Solid	8015NM Prep	
830-4819-63	New Boring 9- @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-64	New Boring 9- @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-65	New Boring 9- @ 10'	Total/NA	Solid	8015NM Prep	
830-4819-66	New Boring 9- @ 15'	Total/NA	Solid	8015NM Prep	
830-4819-67	New Boring 9- @ 20'	Total/NA	Solid	8015NM Prep	
830-4819-68	New Boring 9- @ 25'	Total/NA	Solid	8015NM Prep	
830-4819-69	New Boring 9- @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-70	New Boring 9- @ 40'	Total/NA	Solid	8015NM Prep	
830-4819-71	New Boring 9- @ 50'	Total/NA	Solid	8015NM Prep	
830-4819-72	New Boring 10- @ 0-1 '	Total/NA	Solid	8015NM Prep	
830-4819-73	New Boring 10- @ 3 '	Total/NA	Solid	8015NM Prep	
830-4819-74	New Boring 10- @ 5 '	Total/NA	Solid	8015NM Prep	
830-4819-75	New Boring 10- @ 10 '	Total/NA	Solid	8015NM Prep	
830-4819-76	New Boring 10- @ 15 '	Total/NA	Solid	8015NM Prep	
830-4819-77	New Boring 10- @ 20 '	Total/NA	Solid	8015NM Prep	
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	8015NM Prep	
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	8015NM Prep	
830-4819-80	New Boring 10- @ 40 '	Total/NA	Solid	8015NM Prep	
830-4819-81	New Boring 10- @ 50 '	Total/NA	Solid	8015NM Prep	
MB 870-17901/3-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 870-17901/1-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 870-17901/2-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
830-4819-64 MS	New Boring 9- @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-64 MSD	New Boring 9- @ 5'	Total/NA	Solid	8015NM Prep	

Prep Batch: 17902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-82	New Boring 10- @ 60 '	Total/NA	Solid	8015NM Prep	
830-4819-83	New Boring 10- @ 70 '	Total/NA	Solid	8015NM Prep	
830-4819-84	New Boring 10- @ 80 '	Total/NA	Solid	8015NM Prep	
830-4819-85	New Boring 11- @ 0-1 '	Total/NA	Solid	8015NM Prep	
830-4819-86	New Boring 11- @ 3 '	Total/NA	Solid	8015NM Prep	
830-4819-87	New Boring 11- @ 5 '	Total/NA	Solid	8015NM Prep	
830-4819-88	New Boring 11- @ 10 '	Total/NA	Solid	8015NM Prep	
830-4819-89	New Boring 11- @ 15 '	Total/NA	Solid	8015NM Prep	
830-4819-90	New Boring 11- @ 20 '	Total/NA	Solid	8015NM Prep	
830-4819-91	New Boring 11- @ 25'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Prep Batch: 17902 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-92	New Boring 11- @ 30'	Total/NA	Solid	8015NM Prep	
830-4819-93	New Boring 11- @ 40'	Total/NA	Solid	8015NM Prep	
830-4819-94	New Boring 11- @ 50'	Total/NA	Solid	8015NM Prep	
830-4819-95	Confirmation Boring 3 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-96	Confirmation Boring 3 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-97	Confirmation Boring 3 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-98	Confirmation Boring 2@ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-99	Confirmation Boring 2 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-100	Confirmation Boring 2 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-101	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	8015NM Prep	
MB 870-17902/3-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 870-17902/1-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 870-17902/2-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
830-4819-87 MS	New Boring 11- @ 5 '	Total/NA	Solid	8015NM Prep	
830-4819-87 MSD	New Boring 11- @ 5 '	Total/NA	Solid	8015NM Prep	

Prep Batch: 17903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-102	Confirmation Boring 1 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-103	Confirmation Boring 1 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-104	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-105	Confirmation Boring 4 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-106	Confirmation Boring 4 @ 5'	Total/NA	Solid	8015NM Prep	
830-4819-107	New Boring 1 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-108	New Boring 1 @ -3'	Total/NA	Solid	8015NM Prep	
830-4819-109	New Boring 1 @ -5'	Total/NA	Solid	8015NM Prep	
830-4819-110	New Boring 4 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-111	New Boring 4 @ -3'	Total/NA	Solid	8015NM Prep	
830-4819-112	New Boring 4 @ -5'	Total/NA	Solid	8015NM Prep	
830-4819-113	New Boring 2 @ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-114	New Boring 2 @ 3'	Total/NA	Solid	8015NM Prep	
830-4819-115	New Boring 2 @ 5'	Total/NA	Solid	8015NM Prep	
MB 870-17903/3-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 870-17903/1-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 870-17903/2-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
830-4819-104 MS	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015NM Prep	
830-4819-104 MSD	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-69	New Boring 9- @ 30'	Total/NA	Solid	8015B NM	17901
830-4819-72	New Boring 10- @ 0-1 '	Total/NA	Solid	8015B NM	17901
830-4819-78	New Boring 10- @ 25 '	Total/NA	Solid	8015B NM	17901
830-4819-81	New Boring 10- @ 50 '	Total/NA	Solid	8015B NM	17901

Analysis Batch: 17969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-41	New Boring 7- @ 20'	Total/NA	Solid	8015B NM	17900
830-4819-42	New Boring 7- @ 25'	Total/NA	Solid	8015B NM	17900
830-4819-43	New Boring 7- @ 30'	Total/NA	Solid	8015B NM	17900
830-4819-44	New Boring 7- @ 40'	Total/NA	Solid	8015B NM	17900

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Analysis Batch: 17969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-45	New Boring 7- @ 50'	Total/NA	Solid	8015B NM	17900
830-4819-46	New Boring 8- @ 0-1'	Total/NA	Solid	8015B NM	17900
830-4819-47	New Boring 8- @ 3'	Total/NA	Solid	8015B NM	17900
830-4819-48	New Boring 8- @ 5'	Total/NA	Solid	8015B NM	17900
830-4819-49	New Boring 8- @ 10'	Total/NA	Solid	8015B NM	17900
830-4819-50	New Boring 8- @ 15'	Total/NA	Solid	8015B NM	17900
830-4819-51	New Boring 8- @ 20'	Total/NA	Solid	8015B NM	17900
830-4819-52	New Boring 8- @ 25'	Total/NA	Solid	8015B NM	17900
830-4819-53	New Boring 8- @ 30'	Total/NA	Solid	8015B NM	17900
830-4819-54	New Boring 8- @ 40'	Total/NA	Solid	8015B NM	17900
830-4819-56	New Boring 8- @ 60'	Total/NA	Solid	8015B NM	17900
830-4819-57	New Boring 8- @ 70'	Total/NA	Solid	8015B NM	17900
830-4819-58	New Boring 8- @ 80'	Total/NA	Solid	8015B NM	17900
830-4819-59	New Boring 8- @ 90'	Total/NA	Solid	8015B NM	17900
830-4819-60	New Boring 8- @ 100'	Total/NA	Solid	8015B NM	17900
830-4819-62	New Boring 9- @ 0-1 '	Total/NA	Solid	8015B NM	17901
830-4819-63	New Boring 9- @ 3'	Total/NA	Solid	8015B NM	17901
830-4819-64	New Boring 9- @ 5'	Total/NA	Solid	8015B NM	17901
830-4819-65	New Boring 9- @ 10'	Total/NA	Solid	8015B NM	17901
830-4819-66	New Boring 9- @ 15'	Total/NA	Solid	8015B NM	17901
830-4819-67	New Boring 9- @ 20'	Total/NA	Solid	8015B NM	17901
830-4819-68	New Boring 9- @ 25'	Total/NA	Solid	8015B NM	17901
830-4819-70	New Boring 9- @ 40'	Total/NA	Solid	8015B NM	17901
830-4819-71	New Boring 9- @ 50'	Total/NA	Solid	8015B NM	17901
830-4819-73	New Boring 10- @ 3 '	Total/NA	Solid	8015B NM	17901
830-4819-74	New Boring 10- @ 5 '	Total/NA	Solid	8015B NM	17901
830-4819-75	New Boring 10- @ 10 '	Total/NA	Solid	8015B NM	17901
830-4819-76	New Boring 10- @ 15 '	Total/NA	Solid	8015B NM	17901
830-4819-77	New Boring 10- @ 20 '	Total/NA	Solid	8015B NM	17901
830-4819-79	New Boring 10- @ 30 '	Total/NA	Solid	8015B NM	17901
830-4819-82	New Boring 10- @ 60 '	Total/NA	Solid	8015B NM	17902
830-4819-83	New Boring 10- @ 70 '	Total/NA	Solid	8015B NM	17902
830-4819-84	New Boring 10- @ 80 '	Total/NA	Solid	8015B NM	17902
830-4819-85	New Boring 11- @ 0-1 '	Total/NA	Solid	8015B NM	17902
830-4819-86	New Boring 11- @ 3 '	Total/NA	Solid	8015B NM	17902
830-4819-87	New Boring 11- @ 5 '	Total/NA	Solid	8015B NM	17902
830-4819-88	New Boring 11- @ 10 '	Total/NA	Solid	8015B NM	17902
830-4819-89	New Boring 11- @ 15 '	Total/NA	Solid	8015B NM	17902
830-4819-90	New Boring 11- @ 20 '	Total/NA	Solid	8015B NM	17902
830-4819-91	New Boring 11- @ 25'	Total/NA	Solid	8015B NM	17902
830-4819-92	New Boring 11- @ 30'	Total/NA	Solid	8015B NM	17902
830-4819-93	New Boring 11- @ 40'	Total/NA	Solid	8015B NM	17902
830-4819-94	New Boring 11- @ 50'	Total/NA	Solid	8015B NM	17902
830-4819-95	Confirmation Boring 3 @ 0-1'	Total/NA	Solid	8015B NM	17902
830-4819-96	Confirmation Boring 3 @ 3'	Total/NA	Solid	8015B NM	17902
830-4819-97	Confirmation Boring 3 @ 5'	Total/NA	Solid	8015B NM	17902
830-4819-98	Confirmation Boring 2@ 0-1'	Total/NA	Solid	8015B NM	17902
830-4819-99	Confirmation Boring 2 @ 3'	Total/NA	Solid	8015B NM	17902
830-4819-100	Confirmation Boring 2 @ 5'	Total/NA	Solid	8015B NM	17902
830-4819-101	Confirmation Boring 1 @ 0-1'	Total/NA	Solid	8015B NM	17902
830-4819-102	Confirmation Boring 1 @ 3'	Total/NA	Solid	8015B NM	17903

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Analysis Batch: 17969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-103	Confirmation Boring 1 @ 5'	Total/NA	Solid	8015B NM	17903
830-4819-104	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015B NM	17903
830-4819-105	Confirmation Boring 4 @ 3'	Total/NA	Solid	8015B NM	17903
830-4819-106	Confirmation Boring 4 @ 5'	Total/NA	Solid	8015B NM	17903
830-4819-107	New Boring 1 @ 0-1'	Total/NA	Solid	8015B NM	17903
830-4819-108	New Boring 1 @ -3'	Total/NA	Solid	8015B NM	17903
830-4819-109	New Boring 1 @ -5'	Total/NA	Solid	8015B NM	17903
830-4819-110	New Boring 4 @ 0-1'	Total/NA	Solid	8015B NM	17903
830-4819-111	New Boring 4 @ -3'	Total/NA	Solid	8015B NM	17903
830-4819-112	New Boring 4 @ -5'	Total/NA	Solid	8015B NM	17903
830-4819-113	New Boring 2 @ 0-1'	Total/NA	Solid	8015B NM	17903
830-4819-114	New Boring 2 @ 3'	Total/NA	Solid	8015B NM	17903
830-4819-115	New Boring 2 @ 5'	Total/NA	Solid	8015B NM	17903
MB 870-17900/3-A	Method Blank	Total/NA	Solid	8015B NM	17900
MB 870-17901/3-A	Method Blank	Total/NA	Solid	8015B NM	17901
MB 870-17902/3-A	Method Blank	Total/NA	Solid	8015B NM	17902
MB 870-17903/3-A	Method Blank	Total/NA	Solid	8015B NM	17903
LCS 870-17900/1-A	Lab Control Sample	Total/NA	Solid	8015B NM	17900
LCS 870-17901/1-A	Lab Control Sample	Total/NA	Solid	8015B NM	17901
LCS 870-17902/1-A	Lab Control Sample	Total/NA	Solid	8015B NM	17902
LCS 870-17903/1-A	Lab Control Sample	Total/NA	Solid	8015B NM	17903
LCSD 870-17900/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17900
LCSD 870-17901/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17901
LCSD 870-17902/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17902
LCSD 870-17903/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17903
830-4819-49 MS	New Boring 8- @ 10'	Total/NA	Solid	8015B NM	17900
830-4819-49 MSD	New Boring 8- @ 10'	Total/NA	Solid	8015B NM	17900
830-4819-64 MS	New Boring 9- @ 5'	Total/NA	Solid	8015B NM	17901
830-4819-64 MSD	New Boring 9- @ 5'	Total/NA	Solid	8015B NM	17901
830-4819-87 MS	New Boring 11- @ 5 '	Total/NA	Solid	8015B NM	17902
830-4819-87 MSD	New Boring 11- @ 5 '	Total/NA	Solid	8015B NM	17902
830-4819-104 MS	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015B NM	17903
830-4819-104 MSD	Confirmation Boring 4@ 0-1'	Total/NA	Solid	8015B NM	17903

Analysis Batch: 17988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-80	New Boring 10- @ 40 '	Total/NA	Solid	8015B NM	17901

Prep Batch: 72722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	8015NM Prep	
MB 880-72722/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-72722/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-72722/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-39032-A-41-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-39032-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 73204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	8015B NM	72722
MB 880-72722/1-A	Method Blank	Total/NA	Solid	8015B NM	72722

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

GC Semi VOA (Continued)

Analysis Batch: 73204 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-72722/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	72722
LCSD 880-72722/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	72722
880-39032-A-41-E MS	Matrix Spike	Total/NA	Solid	8015B NM	72722
880-39032-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	72722

Analysis Batch: 73362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-55	New Boring 8- @ 50'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 71868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-11	New Boring - 5 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-21	New Boring - 6 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-36	New Boring 7- @ 0-1'	Soluble	Solid	DI Leach	
830-4819-46	New Boring 8- @ 0-1'	Soluble	Solid	DI Leach	
830-4819-62	New Boring 9- @ 0-1 '	Soluble	Solid	DI Leach	
830-4819-72	New Boring 10- @ 0-1 '	Soluble	Solid	DI Leach	
830-4819-85	New Boring 11- @ 0-1 '	Soluble	Solid	DI Leach	
830-4819-95	Confirmation Boring 3 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-98	Confirmation Boring 2@ 0-1'	Soluble	Solid	DI Leach	
830-4819-101	Confirmation Boring 1 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-104	Confirmation Boring 4@ 0-1'	Soluble	Solid	DI Leach	
830-4819-107	New Boring 1 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-110	New Boring 4 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-113	New Boring 2 @ 0-1'	Soluble	Solid	DI Leach	
MB 880-71868/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71868/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71868/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
830-4819-1 MS	New Boring - 3 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-1 MSD	New Boring - 3 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-101 MS	Confirmation Boring 1 @ 0-1'	Soluble	Solid	DI Leach	
830-4819-101 MSD	Confirmation Boring 1 @ 0-1'	Soluble	Solid	DI Leach	

Analysis Batch: 72019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-1	New Boring - 3 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-11	New Boring - 5 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-21	New Boring - 6 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-36	New Boring 7- @ 0-1'	Soluble	Solid	300.0	71868
830-4819-46	New Boring 8- @ 0-1'	Soluble	Solid	300.0	71868
830-4819-62	New Boring 9- @ 0-1 '	Soluble	Solid	300.0	71868
830-4819-72	New Boring 10- @ 0-1 '	Soluble	Solid	300.0	71868
830-4819-85	New Boring 11- @ 0-1 '	Soluble	Solid	300.0	71868
830-4819-95	Confirmation Boring 3 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-98	Confirmation Boring 2@ 0-1'	Soluble	Solid	300.0	71868
830-4819-101	Confirmation Boring 1 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-104	Confirmation Boring 4@ 0-1'	Soluble	Solid	300.0	71868
830-4819-107	New Boring 1 @ 0-1'	Soluble	Solid	300.0	71868

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

HPLC/IC (Continued)

Analysis Batch: 72019 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4819-110	New Boring 4 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-113	New Boring 2 @ 0-1'	Soluble	Solid	300.0	71868
MB 880-71868/1-A	Method Blank	Soluble	Solid	300.0	71868
LCS 880-71868/2-A	Lab Control Sample	Soluble	Solid	300.0	71868
LCSD 880-71868/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71868
830-4819-1 MS	New Boring - 3 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-1 MSD	New Boring - 3 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-101 MS	Confirmation Boring 1 @ 0-1'	Soluble	Solid	300.0	71868
830-4819-101 MSD	Confirmation Boring 1 @ 0-1'	Soluble	Solid	300.0	71868

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 0-1'

Lab Sample ID: 830-4819-1
Matrix: Solid
Date Collected: 01/22/24 09:16
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 04:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 04:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 14:18	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 14:18	WP	EET DAL
Soluble	Leach	DI Leach			5.03 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	01/31/24 19:34	CH	EET MID

Client Sample ID: New Boring - 3 @ 3'

Lab Sample ID: 830-4819-2
Matrix: Solid
Date Collected: 01/22/24 09:19
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 05:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 05:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 15:20	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.9 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 15:20	WP	EET DAL

Client Sample ID: New Boring - 3 @ 5'

Lab Sample ID: 830-4819-3
Matrix: Solid
Date Collected: 01/22/24 09:22
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 05:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 05:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 15:40	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 15:40	WP	EET DAL

Client Sample ID: New Boring - 3 @ 10'

Lab Sample ID: 830-4819-4
Matrix: Solid
Date Collected: 01/22/24 09:28
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 05:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 05:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 16:01	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 16:01	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 15'

Lab Sample ID: 830-4819-5
Matrix: Solid
Date Collected: 01/22/24 09:34
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 06:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 06:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 16:22	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 16:22	WP	EET DAL

Client Sample ID: New Boring - 3 @ 20'

Lab Sample ID: 830-4819-6
Matrix: Solid
Date Collected: 01/22/24 09:40
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 06:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 06:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 16:42	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 16:42	WP	EET DAL

Client Sample ID: New Boring - 3 @ 25'

Lab Sample ID: 830-4819-7
Matrix: Solid
Date Collected: 01/22/24 09:43
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 06:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 06:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 17:03	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 17:03	WP	EET DAL

Client Sample ID: New Boring - 3 @ 30'

Lab Sample ID: 830-4819-8
Matrix: Solid
Date Collected: 01/22/24 09:50
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 07:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 07:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 17:24	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 17:24	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 3 @ 40'

Lab Sample ID: 830-4819-9
Matrix: Solid
Date Collected: 01/22/24 09:57
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 09:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 09:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 17:45	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 17:45	WP	EET DAL

Client Sample ID: New Boring - 3 @ 50'

Lab Sample ID: 830-4819-10
Matrix: Solid
Date Collected: 01/22/24 10:10
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 09:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 09:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 18:05	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 18:05	WP	EET DAL

Client Sample ID: New Boring - 5 @ 0-1'

Lab Sample ID: 830-4819-11
Matrix: Solid
Date Collected: 01/22/24 10:20
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 11:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 11:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 18:48	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 18:48	WP	EET DAL
Soluble	Leach	DI Leach			4.98 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 20:36	CH	EET MID

Client Sample ID: New Boring - 5 @ 3'

Lab Sample ID: 830-4819-12
Matrix: Solid
Date Collected: 01/22/24 10:29
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 12:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 12:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 19:08	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 19:08	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 5'

Lab Sample ID: 830-4819-13
Matrix: Solid
Date Collected: 01/22/24 10:35
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 12:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 12:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 19:29	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 19:29	WP	EET DAL

Client Sample ID: New Boring - 5 @ 10'

Lab Sample ID: 830-4819-14
Matrix: Solid
Date Collected: 01/22/24 10:41
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 12:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 19:50	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.9 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 19:50	WP	EET DAL

Client Sample ID: New Boring - 5 @ 15'

Lab Sample ID: 830-4819-15
Matrix: Solid
Date Collected: 01/22/24 10:48
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 13:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 13:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 20:11	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 20:11	WP	EET DAL

Client Sample ID: New Boring - 5 @ 20'

Lab Sample ID: 830-4819-16
Matrix: Solid
Date Collected: 01/22/24 10:55
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 13:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 20:32	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 20:32	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 5 @ 25'

Lab Sample ID: 830-4819-17
Matrix: Solid
Date Collected: 01/22/24 11:05
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 13:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 13:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 20:52	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 20:52	WP	EET DAL

Client Sample ID: New Boring - 5 @ 30'

Lab Sample ID: 830-4819-18
Matrix: Solid
Date Collected: 01/22/24 11:14
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 14:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 14:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 21:13	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 21:13	WP	EET DAL

Client Sample ID: New Boring - 5 @ 40'

Lab Sample ID: 830-4819-19
Matrix: Solid
Date Collected: 01/22/24 11:30
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 14:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 14:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 21:34	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 21:34	WP	EET DAL

Client Sample ID: New Boring - 5 @ 50'

Lab Sample ID: 830-4819-20
Matrix: Solid
Date Collected: 01/22/24 11:45
Date Received: 01/25/24 13:43

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	71849	01/29/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72197	02/03/24 14:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 14:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 21:55	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	17657	01/29/24 11:18	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17660	02/02/24 21:55	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 0-1'

Lab Sample ID: 830-4819-21
Matrix: Solid
Date Collected: 01/22/24 12:55
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 12:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 03:31	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 03:31	WP	EET DAL
Soluble	Leach	DI Leach			4.96 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 20:43	CH	EET MID

Client Sample ID: New Boring - 6 @ 3'

Lab Sample ID: 830-4819-22
Matrix: Solid
Date Collected: 01/22/24 13:00
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 13:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 13:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 04:33	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 04:33	WP	EET DAL

Client Sample ID: New Boring - 6 @ 5'

Lab Sample ID: 830-4819-23
Matrix: Solid
Date Collected: 01/22/24 13:05
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 13:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 13:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 04:53	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 04:53	WP	EET DAL

Client Sample ID: New Boring - 6 @ 10'

Lab Sample ID: 830-4819-24
Matrix: Solid
Date Collected: 01/22/24 13:10
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 14:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 14:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 05:14	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 05:14	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 15'

Lab Sample ID: 830-4819-25
Matrix: Solid
Date Collected: 01/22/24 13:17
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 14:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 14:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 05:35	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 05:35	WP	EET DAL

Client Sample ID: New Boring - 6 @ 20'

Lab Sample ID: 830-4819-26
Matrix: Solid
Date Collected: 01/22/24 13:22
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/04/24 15:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 15:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 05:55	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.9 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 05:55	WP	EET DAL

Client Sample ID: New Boring - 6 @ 25'

Lab Sample ID: 830-4819-27
Matrix: Solid
Date Collected: 01/22/24 13:27
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/04/24 16:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 16:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 06:16	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 06:16	WP	EET DAL

Client Sample ID: New Boring - 6 @ 30'

Lab Sample ID: 830-4819-28
Matrix: Solid
Date Collected: 01/22/24 13:32
Date Received: 01/25/24 13:43

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	72114	02/05/24 10:00	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	72316	02/05/24 14:29	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/04/24 16:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 14:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 06:37	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 06:37	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 40'

Lab Sample ID: 830-4819-29
Matrix: Solid
Date Collected: 01/22/24 13:39
Date Received: 01/25/24 13:43

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	72114	02/05/24 10:00	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	72316	02/05/24 14:49	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 15:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 14:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 06:58	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 06:58	WP	EET DAL

Client Sample ID: New Boring - 6 @ 50'

Lab Sample ID: 830-4819-30
Matrix: Solid
Date Collected: 01/22/24 13:45
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/04/24 16:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 16:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 07:18	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 07:18	WP	EET DAL

Client Sample ID: New Boring - 6 @ 60'

Lab Sample ID: 830-4819-31
Matrix: Solid
Date Collected: 01/22/24 13:56
Date Received: 01/25/24 13:43

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	72114	02/05/24 10:00	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72316	02/05/24 15:10	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 18:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 08:00	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 08:00	WP	EET DAL

Client Sample ID: New Boring - 6 @ 70'

Lab Sample ID: 830-4819-32
Matrix: Solid
Date Collected: 01/22/24 14:22
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/04/24 22:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 22:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 08:20	CC	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring - 6 @ 70'

Lab Sample ID: 830-4819-32
Matrix: Solid
Date Collected: 01/22/24 14:22
Date Received: 01/25/24 13:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 08:20	WP	EET DAL

Client Sample ID: New Boring - 6 @ 80'

Lab Sample ID: 830-4819-33
Matrix: Solid
Date Collected: 01/22/24 14:32
Date Received: 01/25/24 13:43

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	72114	02/05/24 10:00	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72316	02/05/24 15:30	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/04/24 22:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 15:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 08:41	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	17633	02/02/24 08:41	WP	EET DAL

Client Sample ID: New Boring - 6 @ 90'

Lab Sample ID: 830-4819-34
Matrix: Solid
Date Collected: 01/22/24 14:39
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 19:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 19:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 09:02	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 09:02	WP	EET DAL

Client Sample ID: New Boring - 6 @ 100'

Lab Sample ID: 830-4819-35
Matrix: Solid
Date Collected: 01/22/24 14:45
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 19:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 19:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 09:22	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 09:22	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 0-1'

Lab Sample ID: 830-4819-36
Matrix: Solid
Date Collected: 01/22/24 15:03
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 19:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 09:43	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 09:43	WP	EET DAL
Soluble	Leach	DI Leach			4.99 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 20:50	CH	EET MID

Client Sample ID: New Boring 7 - @ 3'

Lab Sample ID: 830-4819-37
Matrix: Solid
Date Collected: 01/22/24 15:07
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 20:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 20:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 10:04	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.9 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 10:04	WP	EET DAL

Client Sample ID: New Boring 7- @ 5'

Lab Sample ID: 830-4819-38
Matrix: Solid
Date Collected: 01/22/24 15:10
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 20:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 20:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 10:25	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 10:25	WP	EET DAL

Client Sample ID: New Boring 7- @ 10'

Lab Sample ID: 830-4819-39
Matrix: Solid
Date Collected: 01/22/24 15:13
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 21:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 21:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 10:45	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 10:45	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 15'

Lab Sample ID: 830-4819-40
Matrix: Solid
Date Collected: 01/22/24 15:17
Date Received: 01/25/24 13:43

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	71862	01/29/24 14:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/04/24 21:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 21:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/02/24 11:06	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	17650	01/29/24 11:20	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17633	02/02/24 11:06	WP	EET DAL

Client Sample ID: New Boring 7- @ 20'

Lab Sample ID: 830-4819-41
Matrix: Solid
Date Collected: 01/22/24 15:23
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 20:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 20:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 18:38	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 18:38	WP	EET DAL

Client Sample ID: New Boring 7- @ 25'

Lab Sample ID: 830-4819-42
Matrix: Solid
Date Collected: 01/23/24 08:41
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 20:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 20:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 18:58	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 18:58	WP	EET DAL

Client Sample ID: New Boring 7- @ 30'

Lab Sample ID: 830-4819-43
Matrix: Solid
Date Collected: 01/23/24 08:49
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 21:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 21:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 19:19	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 19:19	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 7- @ 40'

Lab Sample ID: 830-4819-44
Matrix: Solid
Date Collected: 01/23/24 09:04
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 21:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 21:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 19:40	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 19:40	WP	EET DAL

Client Sample ID: New Boring 7- @ 50'

Lab Sample ID: 830-4819-45
Matrix: Solid
Date Collected: 01/23/24 09:11
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 21:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 21:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 20:00	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 20:00	WP	EET DAL

Client Sample ID: New Boring 8- @ 0-1'

Lab Sample ID: 830-4819-46
Matrix: Solid
Date Collected: 01/23/24 09:22
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 22:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 22:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 21:02	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 21:02	WP	EET DAL
Soluble	Leach	DI Leach			5.04 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 20:56	CH	EET MID

Client Sample ID: New Boring 8- @ 3'

Lab Sample ID: 830-4819-47
Matrix: Solid
Date Collected: 01/23/24 09:26
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 22:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 22:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 20:21	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 20:21	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 5'

Lab Sample ID: 830-4819-48
Matrix: Solid
Date Collected: 01/23/24 09:30
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 22:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 20:41	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 20:41	WP	EET DAL

Client Sample ID: New Boring 8- @ 10'

Lab Sample ID: 830-4819-49
Matrix: Solid
Date Collected: 01/23/24 09:33
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/03/24 23:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 23:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 17:36	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 17:36	WP	EET DAL

Client Sample ID: New Boring 8- @ 15'

Lab Sample ID: 830-4819-50
Matrix: Solid
Date Collected: 01/23/24 09:40
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/03/24 23:40	MNR	EET MID
Total/NA	Prep	5035			5.05 g	5 mL	72362	02/05/24 11:33	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	72315	02/06/24 02:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/06/24 02:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 21:23	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 21:23	WP	EET DAL

Client Sample ID: New Boring 8- @ 20'

Lab Sample ID: 830-4819-51
Matrix: Solid
Date Collected: 01/23/24 09:45
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 02:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 02:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 22:04	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 22:04	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 25'

Lab Sample ID: 830-4819-52
Matrix: Solid
Date Collected: 01/23/24 09:55
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 02:26	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	72103	02/02/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	72315	02/05/24 13:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 13:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 22:25	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 22:25	WP	EET DAL

Client Sample ID: New Boring 8- @ 30'

Lab Sample ID: 830-4819-53
Matrix: Solid
Date Collected: 01/23/24 10:05
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 02:47	MNR	EET MID
Total/NA	Prep	5035			5.02 g	5 mL	72103	02/02/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72315	02/05/24 14:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 14:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 22:45	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 22:45	WP	EET DAL

Client Sample ID: New Boring 8- @ 40'

Lab Sample ID: 830-4819-54
Matrix: Solid
Date Collected: 01/23/24 10:18
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 03:07	MNR	EET MID
Total/NA	Prep	5035			5.05 g	5 mL	72103	02/02/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72315	02/05/24 14:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 14:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 23:06	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.9 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	17969	02/03/24 23:06	WP	EET DAL

Client Sample ID: New Boring 8- @ 50'

Lab Sample ID: 830-4819-55
Matrix: Solid
Date Collected: 01/23/24 10:31
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 03:28	MNR	EET MID

Eurofins El Paso

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 50'

Lab Sample ID: 830-4819-55
Matrix: Solid
Date Collected: 01/23/24 10:31
Date Received: 01/25/24 13:43

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	72103	02/02/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	72315	02/05/24 14:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 14:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			73362	02/15/24 17:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	72722	02/06/24 11:23	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	73204	02/15/24 17:42	SM	EET MID

Client Sample ID: New Boring 8- @ 60'

Lab Sample ID: 830-4819-56
Matrix: Solid
Date Collected: 01/23/24 10:41
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 03:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 03:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/03/24 23:47	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/03/24 23:47	WP	EET DAL

Client Sample ID: New Boring 8- @ 70'

Lab Sample ID: 830-4819-57
Matrix: Solid
Date Collected: 01/23/24 10:52
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 01:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 01:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 00:08	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 00:08	WP	EET DAL

Client Sample ID: New Boring 8- @ 80'

Lab Sample ID: 830-4819-58
Matrix: Solid
Date Collected: 01/23/24 10:58
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 04:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 00:28	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 00:28	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 8- @ 90'
Lab Sample ID: 830-4819-59
Date Collected: 01/23/24 11:06
Matrix: Solid
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 01:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 01:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 00:49	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 00:49	WP	EET DAL

Client Sample ID: New Boring 8- @ 100'
Lab Sample ID: 830-4819-60
Date Collected: 01/23/24 11:12
Matrix: Solid
Date Received: 01/25/24 13:43

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	71863	01/29/24 14:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 01:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 01:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 01:10	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17900	01/29/24 11:23	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 01:10	WP	EET DAL

Client Sample ID: TB-01-23-24-01
Lab Sample ID: 830-4819-61
Date Collected: 01/23/24 00:00
Matrix: Water
Date Received: 01/25/24 13:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/30/24 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	01/30/24 13:11	SM	EET MID

Client Sample ID: New Boring 9- @ 0-1 '
Lab Sample ID: 830-4819-62
Date Collected: 01/23/24 12:40
Matrix: Solid
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 17:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 03:55	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 03:55	WP	EET DAL
Soluble	Leach	DI Leach			5.05 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 21:16	CH	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 3'

Lab Sample ID: 830-4819-63
Matrix: Solid
Date Collected: 01/23/24 12:45
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 18:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 04:16	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 04:16	WP	EET DAL

Client Sample ID: New Boring 9- @ 5'

Lab Sample ID: 830-4819-64
Matrix: Solid
Date Collected: 01/23/24 12:50
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 18:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 18:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 02:53	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 02:53	WP	EET DAL

Client Sample ID: New Boring 9- @ 10'

Lab Sample ID: 830-4819-65
Matrix: Solid
Date Collected: 01/23/24 12:55
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 18:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 18:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 04:36	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 04:36	WP	EET DAL

Client Sample ID: New Boring 9- @ 15'

Lab Sample ID: 830-4819-66
Matrix: Solid
Date Collected: 01/23/24 13:00
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 19:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 19:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 04:57	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 04:57	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 20'

Lab Sample ID: 830-4819-67
Matrix: Solid
Date Collected: 01/23/24 13:07
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 19:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 19:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 05:18	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 05:18	WP	EET DAL

Client Sample ID: New Boring 9- @ 25'

Lab Sample ID: 830-4819-68
Matrix: Solid
Date Collected: 01/23/24 13:15
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 19:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 19:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 05:38	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 05:38	WP	EET DAL

Client Sample ID: New Boring 9- @ 30'

Lab Sample ID: 830-4819-69
Matrix: Solid
Date Collected: 01/23/24 13:20
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 20:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 20:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/09/24 14:41	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17932	02/09/24 14:41	WP	EET DAL

Client Sample ID: New Boring 9- @ 40'

Lab Sample ID: 830-4819-70
Matrix: Solid
Date Collected: 01/23/24 13:30
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 20:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 20:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 06:20	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 06:20	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 9- @ 50'

Lab Sample ID: 830-4819-71
Matrix: Solid
Date Collected: 01/23/24 13:40
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 20:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 20:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 06:40	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 06:40	WP	EET DAL

Client Sample ID: New Boring 10- @ 0-1 '

Lab Sample ID: 830-4819-72
Matrix: Solid
Date Collected: 01/23/24 13:45
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 22:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 22:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/09/24 15:02	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17932	02/09/24 15:02	WP	EET DAL
Soluble	Leach	DI Leach			5.05 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 21:23	CH	EET MID

Client Sample ID: New Boring 10- @ 3 '

Lab Sample ID: 830-4819-73
Matrix: Solid
Date Collected: 01/23/24 13:51
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 22:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 22:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 07:42	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 07:42	WP	EET DAL

Client Sample ID: New Boring 10- @ 5 '

Lab Sample ID: 830-4819-74
Matrix: Solid
Date Collected: 01/23/24 13:55
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 22:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 22:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 08:03	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 08:03	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 10 '

Lab Sample ID: 830-4819-75
Matrix: Solid
Date Collected: 01/23/24 14:01
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 23:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 23:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 08:23	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 08:23	WP	EET DAL

Client Sample ID: New Boring 10- @ 15 '

Lab Sample ID: 830-4819-76
Matrix: Solid
Date Collected: 01/23/24 14:05
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 23:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 23:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 08:44	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 08:44	WP	EET DAL

Client Sample ID: New Boring 10- @ 20 '

Lab Sample ID: 830-4819-77
Matrix: Solid
Date Collected: 01/23/24 14:10
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/05/24 00:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 00:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 09:05	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 09:05	WP	EET DAL

Client Sample ID: New Boring 10- @ 25 '

Lab Sample ID: 830-4819-78
Matrix: Solid
Date Collected: 01/23/24 14:19
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/05/24 01:18	MNR	EET MID
Total/NA	Prep	5035			4.98 g	5 mL	72103	02/02/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	72315	02/05/24 13:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 13:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/09/24 15:44	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17932	02/09/24 15:44	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 30 '

Lab Sample ID: 830-4819-79
Matrix: Solid
Date Collected: 01/23/24 14:22
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 23:56	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	72103	02/02/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	72315	02/05/24 13:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 13:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 09:46	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 09:46	WP	EET DAL

Client Sample ID: New Boring 10- @ 40 '

Lab Sample ID: 830-4819-80
Matrix: Solid
Date Collected: 01/23/24 14:27
Date Received: 01/25/24 13:43

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	71864	01/29/24 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/05/24 00:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/05/24 00:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/13/24 16:55	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17988	02/13/24 16:55	WP	EET DAL

Client Sample ID: New Boring 10- @ 50 '

Lab Sample ID: 830-4819-81
Matrix: Solid
Date Collected: 01/23/24 14:33
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 19:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 19:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/09/24 16:28	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	17901	01/29/24 11:25	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17932	02/09/24 16:28	WP	EET DAL

Client Sample ID: New Boring 10- @ 60 '

Lab Sample ID: 830-4819-82
Matrix: Solid
Date Collected: 01/23/24 14:37
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 20:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 20:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 13:13	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 13:13	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 10- @ 70 '

Lab Sample ID: 830-4819-83
Matrix: Solid
Date Collected: 01/23/24 14:40
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 20:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 20:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 13:34	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 13:34	WP	EET DAL

Client Sample ID: New Boring 10- @ 80 '

Lab Sample ID: 830-4819-84
Matrix: Solid
Date Collected: 01/23/24 14:48
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 20:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 20:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 13:54	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 13:54	WP	EET DAL

Client Sample ID: New Boring 11- @ 0-1 '

Lab Sample ID: 830-4819-85
Matrix: Solid
Date Collected: 01/23/24 15:10
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 21:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 21:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 14:15	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 14:15	WP	EET DAL
Soluble	Leach	DI Leach			5.01 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 21:29	CH	EET MID

Client Sample ID: New Boring 11- @ 3 '

Lab Sample ID: 830-4819-86
Matrix: Solid
Date Collected: 01/23/24 15:15
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 21:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 21:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 14:36	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 14:36	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 5 '

Lab Sample ID: 830-4819-87
Matrix: Solid
Date Collected: 01/23/24 15:20
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 22:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 22:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 12:11	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 12:11	WP	EET DAL

Client Sample ID: New Boring 11- @ 10 '

Lab Sample ID: 830-4819-88
Matrix: Solid
Date Collected: 01/23/24 15:30
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 22:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 22:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 14:57	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 14:57	WP	EET DAL

Client Sample ID: New Boring 11- @ 15 '

Lab Sample ID: 830-4819-89
Matrix: Solid
Date Collected: 01/23/24 15:35
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 23:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 23:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 15:18	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 15:18	WP	EET DAL

Client Sample ID: New Boring 11- @ 20 '

Lab Sample ID: 830-4819-90
Matrix: Solid
Date Collected: 01/23/24 15:40
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/02/24 23:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/02/24 23:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 15:38	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 15:38	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 11- @ 25'

Lab Sample ID: 830-4819-91
Matrix: Solid
Date Collected: 01/23/24 15:48
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 01:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 01:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 15:59	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 15:59	WP	EET DAL

Client Sample ID: New Boring 11- @ 30'

Lab Sample ID: 830-4819-92
Matrix: Solid
Date Collected: 01/23/24 15:55
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 01:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 01:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 16:40	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 16:40	WP	EET DAL

Client Sample ID: New Boring 11- @ 40'

Lab Sample ID: 830-4819-93
Matrix: Solid
Date Collected: 01/23/24 16:05
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 02:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 02:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 17:01	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 17:01	WP	EET DAL

Client Sample ID: New Boring 11- @ 50'

Lab Sample ID: 830-4819-94
Matrix: Solid
Date Collected: 01/23/24 16:15
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 02:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 02:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 17:22	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 17:22	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 3 @ 0-1'

Lab Sample ID: 830-4819-95
Matrix: Solid
Date Collected: 01/22/24 12:00
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/03/24 04:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 04:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 17:43	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	17969	02/04/24 17:43	WP	EET DAL
Soluble	Leach	DI Leach			5.00 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 21:36	CH	EET MID

Client Sample ID: Confirmation Boring 3 @ 3'

Lab Sample ID: 830-4819-96
Matrix: Solid
Date Collected: 01/22/24 12:05
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 03:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 03:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 18:03	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 18:03	WP	EET DAL

Client Sample ID: Confirmation Boring 3 @ 5'

Lab Sample ID: 830-4819-97
Matrix: Solid
Date Collected: 01/22/24 12:10
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 03:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 03:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 18:24	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	17969	02/04/24 18:24	WP	EET DAL

Client Sample ID: Confirmation Boring 2@ 0-1'

Lab Sample ID: 830-4819-98
Matrix: Solid
Date Collected: 01/22/24 12:15
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/03/24 04:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 04:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 18:45	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 18:45	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 2@ 0-1'

Lab Sample ID: 830-4819-98
Matrix: Solid
Date Collected: 01/22/24 12:15
Date Received: 01/25/24 13:43

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	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 21:42	CH	EET MID

Client Sample ID: Confirmation Boring 2 @ 3'

Lab Sample ID: 830-4819-99
Matrix: Solid
Date Collected: 01/22/24 12:20
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72266	02/03/24 03:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 03:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 19:05	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 19:05	WP	EET DAL

Client Sample ID: Confirmation Boring 2 @ 5'

Lab Sample ID: 830-4819-100
Matrix: Solid
Date Collected: 01/22/24 12:25
Date Received: 01/25/24 13:43

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	71865	01/29/24 14:50	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72266	02/03/24 05:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/03/24 05:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 19:26	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 19:26	WP	EET DAL

Client Sample ID: Confirmation Boring 1 @ 0-1'

Lab Sample ID: 830-4819-101
Matrix: Solid
Date Collected: 01/22/24 12:30
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 07:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 07:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 19:47	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	17902	01/29/24 11:38	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 19:47	WP	EET DAL
Soluble	Leach	DI Leach			4.97 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 21:49	CH	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 1 @ 3'

Lab Sample ID: 830-4819-102
Matrix: Solid
Date Collected: 01/22/24 12:35
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 07:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 07:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 22:32	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 22:32	WP	EET DAL

Client Sample ID: Confirmation Boring 1 @ 5'

Lab Sample ID: 830-4819-103
Matrix: Solid
Date Collected: 01/22/24 12:40
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	72288	02/04/24 10:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 10:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 22:53	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 22:53	WP	EET DAL

Client Sample ID: Confirmation Boring 4@ 0-1'

Lab Sample ID: 830-4819-104
Matrix: Solid
Date Collected: 01/22/24 15:50
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 07:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 07:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 21:30	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 21:30	WP	EET DAL
Soluble	Leach	DI Leach			4.95 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 22:09	CH	EET MID

Client Sample ID: Confirmation Boring 4 @ 3'

Lab Sample ID: 830-4819-105
Matrix: Solid
Date Collected: 01/22/24 15:05
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 08:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 08:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 23:13	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 23:13	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: Confirmation Boring 4 @ 5'

Lab Sample ID: 830-4819-106
Matrix: Solid
Date Collected: 01/22/24 16:00
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 08:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 08:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 23:34	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 23:34	WP	EET DAL

Client Sample ID: New Boring 1 @ 0-1'

Lab Sample ID: 830-4819-107
Matrix: Solid
Date Collected: 01/23/24 07:03
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 08:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 08:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/04/24 23:55	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/04/24 23:55	WP	EET DAL
Soluble	Leach	DI Leach			4.96 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 22:15	CH	EET MID

Client Sample ID: New Boring 1 @ -3'

Lab Sample ID: 830-4819-108
Matrix: Solid
Date Collected: 01/23/24 07:07
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 09:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 09:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 00:15	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 00:15	WP	EET DAL

Client Sample ID: New Boring 1 @ -5'

Lab Sample ID: 830-4819-109
Matrix: Solid
Date Collected: 01/23/24 07:10
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 09:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 09:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 00:36	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 00:36	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 4 @ 0-1'

Lab Sample ID: 830-4819-110
Matrix: Solid
Date Collected: 01/23/24 07:18
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 09:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 09:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 00:57	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 00:57	WP	EET DAL
Soluble	Leach	DI Leach			5.01 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 22:35	CH	EET MID

Client Sample ID: New Boring 4 @ -3'

Lab Sample ID: 830-4819-111
Matrix: Solid
Date Collected: 01/23/24 07:23
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 11:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 11:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 01:17	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 01:17	WP	EET DAL

Client Sample ID: New Boring 4 @ -5'

Lab Sample ID: 830-4819-112
Matrix: Solid
Date Collected: 01/23/24 07:29
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 12:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 12:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 01:59	CC	EET DAL
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 01:59	WP	EET DAL

Client Sample ID: New Boring 2 @ 0-1'

Lab Sample ID: 830-4819-113
Matrix: Solid
Date Collected: 01/23/24 07:33
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 12:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 12:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 02:19	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 02:19	WP	EET DAL

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Client Sample ID: New Boring 2 @ 0-1'

Lab Sample ID: 830-4819-113
Matrix: Solid
Date Collected: 01/23/24 07:33
Date Received: 01/25/24 13:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	71868	01/29/24 15:17	SA	EET MID
Soluble	Analysis	300.0		1			72019	02/01/24 22:41	CH	EET MID

Client Sample ID: New Boring 2 @ 3'

Lab Sample ID: 830-4819-114
Matrix: Solid
Date Collected: 01/23/24 07:37
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 12:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 12:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 02:40	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 02:40	WP	EET DAL

Client Sample ID: New Boring 2 @ 5'

Lab Sample ID: 830-4819-115
Matrix: Solid
Date Collected: 01/23/24 07:41
Date Received: 01/25/24 13:43

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	71866	01/29/24 14:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	72288	02/04/24 13:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/04/24 13:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			17758	02/05/24 03:01	CC	EET DAL
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17903	01/29/24 11:31	WP	EET DAL
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	17969	02/05/24 03:01	WP	EET DAL

Client Sample ID: TB-01-23-24--02

Lab Sample ID: 830-4819-116
Matrix: Water
Date Collected: 01/23/24 00:00
Date Received: 01/25/24 13:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	72315	02/06/24 09:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71955	02/06/24 09:38	SM	EET MID

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Laboratory: Eurofins Dallas

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	T104704295-23-34	06-30-24

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	T104704400-23-26	06-30-24

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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX
Total BTEX		Water	Total BTEX

Method Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

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 DAL
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET DAL
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030B	Purge and Trap	SW846	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET DAL
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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-4819-1	New Boring - 3 @ 0-1'	Solid	01/22/24 09:16	01/25/24 13:43
830-4819-2	New Boring - 3 @ 3'	Solid	01/22/24 09:19	01/25/24 13:43
830-4819-3	New Boring - 3 @ 5'	Solid	01/22/24 09:22	01/25/24 13:43
830-4819-4	New Boring - 3 @ 10'	Solid	01/22/24 09:28	01/25/24 13:43
830-4819-5	New Boring - 3 @ 15'	Solid	01/22/24 09:34	01/25/24 13:43
830-4819-6	New Boring - 3 @ 20'	Solid	01/22/24 09:40	01/25/24 13:43
830-4819-7	New Boring - 3 @ 25'	Solid	01/22/24 09:43	01/25/24 13:43
830-4819-8	New Boring - 3 @ 30'	Solid	01/22/24 09:50	01/25/24 13:43
830-4819-9	New Boring - 3 @ 40'	Solid	01/22/24 09:57	01/25/24 13:43
830-4819-10	New Boring - 3 @ 50'	Solid	01/22/24 10:10	01/25/24 13:43
830-4819-11	New Boring - 5 @ 0-1'	Solid	01/22/24 10:20	01/25/24 13:43
830-4819-12	New Boring - 5 @ 3'	Solid	01/22/24 10:29	01/25/24 13:43
830-4819-13	New Boring - 5 @ 5'	Solid	01/22/24 10:35	01/25/24 13:43
830-4819-14	New Boring - 5 @ 10'	Solid	01/22/24 10:41	01/25/24 13:43
830-4819-15	New Boring - 5 @ 15'	Solid	01/22/24 10:48	01/25/24 13:43
830-4819-16	New Boring - 5 @ 20'	Solid	01/22/24 10:55	01/25/24 13:43
830-4819-17	New Boring - 5 @ 25'	Solid	01/22/24 11:05	01/25/24 13:43
830-4819-18	New Boring - 5 @ 30'	Solid	01/22/24 11:14	01/25/24 13:43
830-4819-19	New Boring - 5 @ 40'	Solid	01/22/24 11:30	01/25/24 13:43
830-4819-20	New Boring - 5 @ 50'	Solid	01/22/24 11:45	01/25/24 13:43
830-4819-21	New Boring - 6 @ 0-1'	Solid	01/22/24 12:55	01/25/24 13:43
830-4819-22	New Boring - 6 @ 3'	Solid	01/22/24 13:00	01/25/24 13:43
830-4819-23	New Boring - 6 @ 5'	Solid	01/22/24 13:05	01/25/24 13:43
830-4819-24	New Boring - 6 @ 10'	Solid	01/22/24 13:10	01/25/24 13:43
830-4819-25	New Boring - 6 @ 15'	Solid	01/22/24 13:17	01/25/24 13:43
830-4819-26	New Boring - 6 @ 20'	Solid	01/22/24 13:22	01/25/24 13:43
830-4819-27	New Boring - 6 @ 25'	Solid	01/22/24 13:27	01/25/24 13:43
830-4819-28	New Boring - 6 @ 30'	Solid	01/22/24 13:32	01/25/24 13:43
830-4819-29	New Boring - 6 @ 40'	Solid	01/22/24 13:39	01/25/24 13:43
830-4819-30	New Boring - 6 @ 50'	Solid	01/22/24 13:45	01/25/24 13:43
830-4819-31	New Boring - 6 @ 60'	Solid	01/22/24 13:56	01/25/24 13:43
830-4819-32	New Boring - 6 @ 70'	Solid	01/22/24 14:22	01/25/24 13:43
830-4819-33	New Boring - 6 @ 80'	Solid	01/22/24 14:32	01/25/24 13:43
830-4819-34	New Boring - 6 @ 90'	Solid	01/22/24 14:39	01/25/24 13:43
830-4819-35	New Boring - 6 @ 100'	Solid	01/22/24 14:45	01/25/24 13:43
830-4819-36	New Boring 7- @ 0-1'	Solid	01/22/24 15:03	01/25/24 13:43
830-4819-37	New Boring 7 - @ 3'	Solid	01/22/24 15:07	01/25/24 13:43
830-4819-38	New Boring 7- @ 5'	Solid	01/22/24 15:10	01/25/24 13:43
830-4819-39	New Boring 7- @ 10'	Solid	01/22/24 15:13	01/25/24 13:43
830-4819-40	New Boring 7- @ 15'	Solid	01/22/24 15:17	01/25/24 13:43
830-4819-41	New Boring 7- @ 20'	Solid	01/22/24 15:23	01/25/24 13:43
830-4819-42	New Boring 7- @ 25'	Solid	01/23/24 08:41	01/25/24 13:43
830-4819-43	New Boring 7- @ 30'	Solid	01/23/24 08:49	01/25/24 13:43
830-4819-44	New Boring 7- @ 40'	Solid	01/23/24 09:04	01/25/24 13:43
830-4819-45	New Boring 7- @ 50'	Solid	01/23/24 09:11	01/25/24 13:43
830-4819-46	New Boring 8- @ 0-1'	Solid	01/23/24 09:22	01/25/24 13:43
830-4819-47	New Boring 8- @ 3'	Solid	01/23/24 09:26	01/25/24 13:43
830-4819-48	New Boring 8- @ 5'	Solid	01/23/24 09:30	01/25/24 13:43
830-4819-49	New Boring 8- @ 10'	Solid	01/23/24 09:33	01/25/24 13:43
830-4819-50	New Boring 8- @ 15'	Solid	01/23/24 09:40	01/25/24 13:43
830-4819-51	New Boring 8- @ 20'	Solid	01/23/24 09:45	01/25/24 13:43
830-4819-52	New Boring 8- @ 25'	Solid	01/23/24 09:55	01/25/24 13:43
830-4819-53	New Boring 8- @ 30'	Solid	01/23/24 10:05	01/25/24 13:43
830-4819-54	New Boring 8- @ 40'	Solid	01/23/24 10:18	01/25/24 13:43

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-4819-55	New Boring 8- @ 50'	Solid	01/23/24 10:31	01/25/24 13:43
830-4819-56	New Boring 8- @ 60'	Solid	01/23/24 10:41	01/25/24 13:43
830-4819-57	New Boring 8- @ 70'	Solid	01/23/24 10:52	01/25/24 13:43
830-4819-58	New Boring 8- @ 80'	Solid	01/23/24 10:58	01/25/24 13:43
830-4819-59	New Boring 8- @ 90'	Solid	01/23/24 11:06	01/25/24 13:43
830-4819-60	New Boring 8- @ 100'	Solid	01/23/24 11:12	01/25/24 13:43
830-4819-61	TB-01-23-24-01	Water	01/23/24 00:00	01/25/24 13:43
830-4819-62	New Boring 9- @ 0-1 '	Solid	01/23/24 12:40	01/25/24 13:43
830-4819-63	New Boring 9- @ 3'	Solid	01/23/24 12:45	01/25/24 13:43
830-4819-64	New Boring 9- @ 5'	Solid	01/23/24 12:50	01/25/24 13:43
830-4819-65	New Boring 9- @ 10'	Solid	01/23/24 12:55	01/25/24 13:43
830-4819-66	New Boring 9- @ 15'	Solid	01/23/24 13:00	01/25/24 13:43
830-4819-67	New Boring 9- @ 20'	Solid	01/23/24 13:07	01/25/24 13:43
830-4819-68	New Boring 9- @ 25'	Solid	01/23/24 13:15	01/25/24 13:43
830-4819-69	New Boring 9- @ 30'	Solid	01/23/24 13:20	01/25/24 13:43
830-4819-70	New Boring 9- @ 40'	Solid	01/23/24 13:30	01/25/24 13:43
830-4819-71	New Boring 9- @ 50'	Solid	01/23/24 13:40	01/25/24 13:43
830-4819-72	New Boring 10- @ 0-1 '	Solid	01/23/24 13:45	01/25/24 13:43
830-4819-73	New Boring 10- @ 3 '	Solid	01/23/24 13:51	01/25/24 13:43
830-4819-74	New Boring 10- @ 5 '	Solid	01/23/24 13:55	01/25/24 13:43
830-4819-75	New Boring 10- @ 10 '	Solid	01/23/24 14:01	01/25/24 13:43
830-4819-76	New Boring 10- @ 15 '	Solid	01/23/24 14:05	01/25/24 13:43
830-4819-77	New Boring 10- @ 20 '	Solid	01/23/24 14:10	01/25/24 13:43
830-4819-78	New Boring 10- @ 25 '	Solid	01/23/24 14:19	01/25/24 13:43
830-4819-79	New Boring 10- @ 30 '	Solid	01/23/24 14:22	01/25/24 13:43
830-4819-80	New Boring 10- @ 40 '	Solid	01/23/24 14:27	01/25/24 13:43
830-4819-81	New Boring 10- @ 50 '	Solid	01/23/24 14:33	01/25/24 13:43
830-4819-82	New Boring 10- @ 60 '	Solid	01/23/24 14:37	01/25/24 13:43
830-4819-83	New Boring 10- @ 70 '	Solid	01/23/24 14:40	01/25/24 13:43
830-4819-84	New Boring 10- @ 80 '	Solid	01/23/24 14:48	01/25/24 13:43
830-4819-85	New Boring 11- @ 0-1 '	Solid	01/23/24 15:10	01/25/24 13:43
830-4819-86	New Boring 11- @ 3 '	Solid	01/23/24 15:15	01/25/24 13:43
830-4819-87	New Boring 11- @ 5 '	Solid	01/23/24 15:20	01/25/24 13:43
830-4819-88	New Boring 11- @ 10 '	Solid	01/23/24 15:30	01/25/24 13:43
830-4819-89	New Boring 11- @ 15 '	Solid	01/23/24 15:35	01/25/24 13:43
830-4819-90	New Boring 11- @ 20 '	Solid	01/23/24 15:40	01/25/24 13:43
830-4819-91	New Boring 11- @ 25'	Solid	01/23/24 15:48	01/25/24 13:43
830-4819-92	New Boring 11- @ 30'	Solid	01/23/24 15:55	01/25/24 13:43
830-4819-93	New Boring 11- @ 40'	Solid	01/23/24 16:05	01/25/24 13:43
830-4819-94	New Boring 11- @ 50'	Solid	01/23/24 16:15	01/25/24 13:43
830-4819-95	Confirmation Boring 3 @ 0-1'	Solid	01/22/24 12:00	01/25/24 13:43
830-4819-96	Confirmation Boring 3 @ 3'	Solid	01/22/24 12:05	01/25/24 13:43
830-4819-97	Confirmation Boring 3 @ 5'	Solid	01/22/24 12:10	01/25/24 13:43
830-4819-98	Confirmation Boring 2@ 0-1'	Solid	01/22/24 12:15	01/25/24 13:43
830-4819-99	Confirmation Boring 2 @ 3'	Solid	01/22/24 12:20	01/25/24 13:43
830-4819-100	Confirmation Boring 2 @ 5'	Solid	01/22/24 12:25	01/25/24 13:43
830-4819-101	Confirmation Boring 1 @ 0-1'	Solid	01/22/24 12:30	01/25/24 13:43
830-4819-102	Confirmation Boring 1 @ 3'	Solid	01/22/24 12:35	01/25/24 13:43
830-4819-103	Confirmation Boring 1 @ 5'	Solid	01/22/24 12:40	01/25/24 13:43
830-4819-104	Confirmation Boring 4@ 0-1'	Solid	01/22/24 15:50	01/25/24 13:43
830-4819-105	Confirmation Boring 4 @ 3'	Solid	01/22/24 15:05	01/25/24 13:43
830-4819-106	Confirmation Boring 4 @ 5'	Solid	01/22/24 16:00	01/25/24 13:43
830-4819-107	New Boring 1 @ 0-1'	Solid	01/23/24 07:03	01/25/24 13:43
830-4819-108	New Boring 1 @ -3'	Solid	01/23/24 07:07	01/25/24 13:43

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP BKU 568435

Job ID: 830-4819-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-4819-109	New Boring 1 @ -5'	Solid	01/23/24 07:10	01/25/24 13:43
830-4819-110	New Boring 4 @ 0-1'	Solid	01/23/24 07:18	01/25/24 13:43
830-4819-111	New Boring 4 @ -3'	Solid	01/23/24 07:23	01/25/24 13:43
830-4819-112	New Boring 4 @ -5'	Solid	01/23/24 07:29	01/25/24 13:43
830-4819-113	New Boring 2 @ 0-1'	Solid	01/23/24 07:33	01/25/24 13:43
830-4819-114	New Boring 2 @ 3'	Solid	01/23/24 07:37	01/25/24 13:43
830-4819-115	New Boring 2 @ 5'	Solid	01/23/24 07:41	01/25/24 13:43
830-4819-116	TB-01-23-24--02	Water	01/23/24 00:00	01/25/24 13:43

Page 580 of 733

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 1 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Neley	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	IR-2	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.70	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.7	
Total Containers:		Corrected Temperature:	-0.4	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring-3 @ 0-1'	S	1/22/24	0916	0-1'	G	1	X	X	X	
New Boring-3 @ 3'			0919	3'						
New Boring-3 @ 5'			0922	5'						
New Boring-3 @ 10'			0928	10'						
New Boring-3 @ 15'			0934	15'						
New Boring-3 @ 20'			0940	20'						
New Boring-3 @ 25'			0943	25'						
New Boring-3 @ 30'			0950	30'						
New Boring-3 @ 40'	↓	↓	0957	40'	↓	↓	↓	↓		
New Boring-3 @ 50'	S	1/22/24	1010	50'	G	1	X	X		



Loc: 830
4819

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 Tl 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 Tl 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)	Date/Time
1 Robert Neley		1-25-24 13:43	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 9/9/2024 2:12:16 PM
Page 178 of 207
2/16/2024
Released to Imaging: 1/10/2025 10:56:20 AM

Page 581 of 733

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 2 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr., Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-7607	Email:	jstoffel@trcompanies

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COPBKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COPBKU	Due Date:	
Sampler's Name:	Robert Niehay	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR7
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.0
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M	Chloride 300	Sample Comments
New Boring-5 @ 0-1'	S	1/22/24	1020	0-1'	G	1	X	X	X	
New Boring-5 @ 3'			1029	3'						
New Boring-5 @ 5'			1035	5'						
New Boring-5 @ 10'			1041	10'						
New Boring-5 @ 15'			1048	15'						
New Boring-5 @ 20'			1055	20'						
New Boring-5 @ 25'			1105	25'						
New Boring-5 @ 30'			1114	30'						
New Boring-5 @ 40'			1130	40'						
New Boring-5 @ 50'	S	1/22/24	1145	50'	G	1	X	X		

ANALYSIS REQUEST

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 Tl 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 Tl 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)	Date/Time
1		1-25-24 13:43	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 9/9/2024 2:12:16 PM
Page 179 of 207
2/16/2024
Released to Imaging: 1/10/2025 10:56:20 AM

Page 582 of 733

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 3 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr. Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nichols	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.70
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.7
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring-6 @ 0-1'	S	1/22/24	1255	0-1'	G	1		X	X	X	
New Boring-6 @ 3'			1300	3'							
New Boring-6 @ 5'			1305	5'							
New Boring-6 @ 10'			1310	10'							
New Boring-6 @ 15'			1317	15'							
New Boring-6 @ 20'			1322	20'							
New Boring-6 @ 25'			1327	25'							
New Boring-6 @ 30'			1332	30'							
New Boring-6 @ 40'			1339	40'							
New Boring-6 @ 50'	S	1/22/24	1345	50'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Nichols		1/25/24 13:40	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 9/9/2024 2:12:16 PM
Page 180 of 207
2/16/2024
Released to Imaging: 1/10/2025 10:56:20 AM

Page 583 of 733

2/16/2024

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 4 of 14

Project Manager:	Jacob Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr. Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003 Email:	jstoffel@trcompanies.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nichy	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-2	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.70	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.2	
Total Containers:		Corrected Temperature:	-0.4	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring - 6 @ 60'	S	1/22/24	1356	60'	G	1		X	X		
New Boring - 6 @ 70'			1422	70'							
New Boring - 6 @ 80'			1432	80'							
New Boring - 6 @ 90'			1439	90'							
New Boring - 6 @ 100'			1445	100'							
New Boring - 7 @ 01'			1503	01'						X	
New Boring - 7 @ 3'			1507	3'							
New Boring - 7 @ 5'			1510	5'							
New Boring - 7 @ 10'			1513	10'							
New Boring 7 @ 15'	S	1/22/24	1517	15'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5		1/25-24 13:44	6		

Revised Date: 08/25/2020 Rev. 2020.2

Page 181 of 207

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Page 584 of 733

2/16/2024

Page 182 of 207

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 5 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr. Suite 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	☒ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP BKU	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Nichols		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR-2
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.0
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring - 7 @ 20'	S	1/22/24	1523	20'	G	1		X	X		
New Boring - 7 @ 25'		1/23/24	0841	25'							
New Boring - 7 @ 30'			0849	30'							
New Boring - 7 @ 40'			0904	40'							
New Boring - 7 @ 50'	S	1/23/24	0911	50'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Nichols		1/25/24 13:49	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Page 585 of 733

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Chain of Custody

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 6 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr. Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3003	Email:	jstoffel@trccompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	☑ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP BKU	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Nichols		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring-8@0-1'	S	1/23/24	0922	0-1'	G	1	X	X	X	
New Boring-8@3'			0926	3'						
New Boring-8@5'			0930	5'						
New Boring-8@10'			0933	10'						
New Boring-8@15'			0940	15'						
New Boring-8@20'			0945	20'						
New Boring-8@25'			0955	25'						
New Boring-8@30'			1005	30'						
New Boring-8@40'			1018	40'						
New Boring-8@50'	S	1/23/24	1031	50'	G	1	X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Nichols		1/25/24 13:44	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Page 183 of 207
2/16/2024
Released to Imaging: 1/10/2025 10:56:20 AM

Page 586 of 733

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Chain of Custody

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 7 of 14

Project Manager:	Jared Staffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr Ste250	Address:	
City, State ZIP:	Austin, TX	City, State ZIP:	
Phone:	432-238-3003 Email:	jstaffel@trcompanies.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nicky	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR-1
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.4

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M	Chloride E300
New Boring - 8 @ 60'	S	1/23/24	1041	60'	G	1		X	X	
New Boring - 8 @ 70'			1052	70'						
New Boring - 8 @ 80'			1058	80'						
New Boring - 8 @ 90'			1106	90'						
New Boring - 8 @ 100'	S	1/23/24	1112	100'	G	1		X	X	
TB-01-23-24-01	L	1/23/24	—	—	—	2		X		

ANALYSIS REQUEST

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

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 Tl 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 Tl 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)	Date/Time
1 Robert Nicky		1/25/24 13:45	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Released to Imaging: 1/10/2025 10:56:20 AM
2/16/2024
Page 184 of 207

Page 587 of 733

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 8 of 14

Project Manager:	Jacob Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E Huntland Dr Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-7007	Email:	jstoffel@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP Bku	Turn Around	☑ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP Bku	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Nichy		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.7
Total Containers:		Corrected Temperature:	-0.9

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX	TPH	Chloride E300	Sample Comments
New Boring - 9@ 0-1'	S	1/23/24	1240	0-1'	G	1		X	X	X	
New Boring - 9@ 3'			1245	3'							
New Boring - 9@ 5'			1250	5'							
New Boring - 9@ 10'			1255	10'							
New Boring - 9@ 15'			1300	15'							
New Boring - 9@ 20'			1307	20'							
New Boring - 9@ 25'			1315	25'							
New Boring - 9@ 30'			1320	30'							
New Boring - 9@ 40'	↓	↓	1330	40'	↓	↓		↓	↓		
New Boring - 9@ 50'	S	1/23/24	1340	50'	G	1		X	X		

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 Tl 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 Tl U **Hg:** 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Nichy		1/25/24 13:45	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 9/9/2024 2:12:16 PM
Page 185 of 207
2/16/2024
Released to Imaging: 1/10/2025 10:56:20 AM

Page 588 of 733

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 9 of 14

Project Manager:	Jacob Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr Ste250	Address:	
City, State ZIP:	Austin, TX	City, State ZIP:	
Phone:	432-238-2003	Email:	jstoffel@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	☑ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP BKU	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Worley		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR-2
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.10
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.3

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX	TPH	Chloride E300	Sample Comments
New Boring-10@ 0-1'	S	1/23/24	1345	0-1'	G	1		X	X	X	
New Boring-10@ 3'			1351	3'							
New Boring-10@ 5'			1355	5'							
New Boring-10@ 10'			1401	10'							
New Boring-10@ 15'			1405	15'							
New Boring-10@ 20'			1410	20'							
New Boring-10@ 25'			1419	25'							
New Boring-10@ 30'			1422	30'							
New Boring-10@ 40'	↓	↓	1427	40'	↓	↓		↓	↓	↓	
New Boring-10@ 50'	S	1/23/24	1433	50'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Worley		1/25/24 13:34	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 9/9/2024 2:12:16 PM
Page 186 of 207
2/16/2024
Released to Imaging: 1/10/2025 10:56:20 AM

Page 589 of 733

2/16/2024

Page 187 of 207

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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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 10 of 14

Project Manager:	Jack Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Drive #450	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3063	Email:	jstoffel@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Bradley	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	IR-2	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.20	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2	
Total Containers:		Corrected Temperature:	-0.4	

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3
H_2S0_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring-10 @ 60'	S	1/23/24	1437	60	G	1	X	X		
New Boring-10 @ 70'	S	1/23/24	1440	70	G	1	X	X		
New Boring-10 @ 80'	S	1/23/24	1448	80	G	1	X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Bradley		11/25/24 13:45	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Page 590 of 733

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 11 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E Huntland Dr. Ste 250	Address:	
City, State ZIP:	Austin, TX	City, State ZIP:	
Phone:	432-238-3003 Email:	jstoffel@trcompanies.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Pinkley	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank: (Yes) No	Wet Ice: (Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	IR2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.70
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring-11@ 0-1	S	1/23/24	1510	0-1	G	1		X	X	X	
New Boring-11@ 3'			1515	3							
New Boring-11@ 5'			1520	5							
New Boring-11@ 10'			1530	10							
New Boring-11@ 15'			1535	15							
New Boring-11@ 20'			1540	20							
New Boring-11@ 25'			1548	25							
New Boring-11@ 30'			1555	30							
New Boring-11@ 40'			1605	40							
New Boring-11@ 50'	S	1/23/24	1615	50	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Pinkley		1/25/24 13:46	2		
3			4		
5			6		

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Received by OCD: 9/9/2024 2:12:16 PM
Page 188 of 207
Released to Imaging: 1/10/2025 10:56:20 AM
2/16/2024

Page 591 of 733

2/16/2024

Page 189 of 207

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 12 of 14

Project Manager:	Jacob Stoffel	Bill to: (If different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr ste 250	Address:	
City, State ZIP:	Austin, TX	City, State ZIP:	
Phone:	432-238-3003 Email:	jstoffel@trcompanies.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	☑ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP BKU	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Nirsky		
PO #:			

SAMPLE RECEIPT

Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.2
Total Containers:		Corrected Temperature:	0.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BTEX	TPH	Chloride E300	Sample Comments
Confirmation Boring-3 @ 0-1'	S	1/22/24	1200	0-1'	G	1	X	X	X	"confirmation boring"
Confirmation Boring-3 @ 3'			1205	3'						
Confirmation Boring-3 @ 5'			1210	5'						
Confirmation Boring-2 @ 0-1'			1215	0-1'					X	
Confirmation Boring-2 @ 3'			1220	3'						
Confirmation Boring-2 @ 5'			1225	5'						
Confirmation Boring-1 @ 0-1'			1230	0-1'					X	
Confirmation Boring-1 @ 3'			1235	3'						
Confirmation Boring-1 @ 5'	S	1/22/24	1240	5'	G	1	X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Nirsky		11/25/24 13:45	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Page 592 of 733

2/16/2024

Page 190 of 207

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Chain of Custody

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 13 of 14

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr. Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	432-238-3007 Email:	jstoffel@trcompanies.com	

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	☑ Routine ☐ Rush
Project Number:	568435	Due Date:	
Project Location:	COP BKU	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Robert Nicley		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.7
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	+2
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes
None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chlorides 300	Sample Comments
Confirmation Boring-4 @ 1'	S	12224	1550	0-1'	G	1		X	X	X	"confirmation boring"
Confirmation Boring-4 @ 3'		12224	1555	3'							
Confirmation Boring 4 @ 5'		12224	1600	5'							
New Confirmation Boring 1 @ 1'		12324	0707	0-1'						X	"New"
New Confirmation Boring 1 @ 3'			0707	3'							"Abandoned"
New Confirmation Boring 1 @ 5'			0710	5'							
New Boring 4 @ 0-1'			0718	0-1'						X	"New boring"
New Boring 4 @ 3'			0723	3'							
New Boring 4 @ 5'	S	1/23/24	0729	5'	G	1		X	X		

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Robert Nicley		1/25/24 13:45	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Page 593 of 733

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 14 of 14

Project Manager:	Jacob Staffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E Huntland Dr Ste 250	Address:	
City, State ZIP:	Austin, TX	City, State ZIP:	
Phone:	432-238-3003	Email:	jstaffel@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP BKU	Turn Around	
Project Number:	568435	☑ Routine ☐ Rush	
Project Location:	COP BKU	Due Date:	
Sampler's Name:	Robert Nicky	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	IR-2	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2	
Total Containers:		Corrected Temperature:	0.4	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M	Chloride E300	Sample Comments
New Boring - 2 @ 0-1'	S	1/23/24	0733	0-1'	G	1		X	X	X	
New Boring - 2 @ 3'	S	1/23/24	0737	3'	G	1		X	X		
New Boring - 2 @ 5'	S	1/23/24	0741	5'	G	1		X	X		
~~TB-01-23-24-01~~	~~L~~	~~1/23/24~~	/	/	/	~~2~~		~~X~~			
TB-01-23-24-02	L	1/23/24	/	/	/	2		X			

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 Tl 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 Tl 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)	Date/Time
1 Robert Nicky		1/25/24 13:45	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 9/9/2024 2:12:16 PM
Page 191 of 207
Released to Imaging: 1/10/2025 10:56:20 AM
2/16/2024

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9074.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 5
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Y - Trizma
	Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
		Preservation Code:								
New Boring - 3 @ 0-1' (830-4819-1)	1/22/24	09:16 Mountain		Solid			X	X	1	
New Boring - 3 @ 3' (830-4819-2)	1/22/24	09:19 Mountain		Solid			X	X	1	
New Boring - 3 @ 5' (830-4819-3)	1/22/24	09:22 Mountain		Solid			X	X	1	
New Boring - 3 @ 10' (830-4819-4)	1/22/24	09:28 Mountain		Solid			X	X	1	
New Boring - 3 @ 15' (830-4819-5)	1/22/24	09:34 Mountain		Solid			X	X	1	
New Boring - 3 @ 20' (830-4819-6)	1/22/24	09:40 Mountain		Solid			X	X	1	
New Boring - 3 @ 25' (830-4819-7)	1/22/24	09:43 Mountain		Solid			X	X	1	
New Boring - 3 @ 30' (830-4819-8)	1/22/24	09:50 Mountain		Solid			X	X	1	
New Boring - 3 @ 40' (830-4819-9)	1/22/24	09:57 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 1/1/24 1025	Company	Received by:	Date/Time: 2/1/24 1025	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Page 594 of 733
Received by OCD: 9/9/2024 2:12:16 PM
2/16/2024
Page 192 of 207
Released to Imaging: 1/10/2025 10:56:20 AM

Page 595 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9074.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 5
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring - 3 @ 50' (830-4819-10)	1/22/24	10:10 Mountain		Solid			X	X	1	
New Boring - 5 @ 0-1' (830-4819-11)	1/22/24	10:20 Mountain		Solid			X	X	1	
New Boring - 5 @ 3' (830-4819-12)	1/22/24	10:29 Mountain		Solid			X	X	1	
New Boring - 5 @ 5' (830-4819-13)	1/22/24	10:35 Mountain		Solid			X	X	1	
New Boring - 5 @ 10' (830-4819-14)	1/22/24	10:41 Mountain		Solid			X	X	1	
New Boring - 5 @ 15' (830-4819-15)	1/22/24	10:48 Mountain		Solid			X	X	1	
New Boring - 5 @ 20' (830-4819-16)	1/22/24	10:55 Mountain		Solid			X	X	1	
New Boring - 5 @ 25' (830-4819-17)	1/22/24	11:05 Mountain		Solid			X	X	1	
New Boring - 5 @ 30' (830-4819-18)	1/22/24	11:14 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/1/24 1028 1025	Company	Received by:	Date/Time: 2/1/24 1028 1025	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:
	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM
Released to Imaging: 1/10/2025 10:56:20 AM
2/16/2024
Page 193 of 207

Page 596 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9074.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 3 of 5
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
		Preservation Code:								
New Boring - 5 @ 40' (830-4819-19)	1/22/24	11:30 Mountain		Solid			X	X	1	
New Boring - 5 @ 50' (830-4819-20)	1/22/24	11:45 Mountain		Solid			X	X	1	
New Boring - 6 @ 0-1' (830-4819-21)	1/22/24	12:55 Mountain		Solid			X	X	1	
New Boring - 6 @ 3' (830-4819-22)	1/22/24	13:00 Mountain		Solid			X	X	1	
New Boring - 6 @ 5' (830-4819-23)	1/22/24	13:05 Mountain		Solid			X	X	1	
New Boring - 6 @ 10' (830-4819-24)	1/22/24	13:10 Mountain		Solid			X	X	1	
New Boring - 6 @ 15' (830-4819-25)	1/22/24	13:17 Mountain		Solid			X	X	1	
New Boring - 6 @ 20' (830-4819-26)	1/22/24	13:22 Mountain		Solid			X	X	1	
New Boring - 6 @ 25' (830-4819-27)	1/22/24	13:27 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/1/24 1025	Company	Received by:	Date/Time: 2/1/24 1025	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM

Page 194 of 207

2/16/2024

Released to Imaging: 1/10/2025 10:56:20 AM

Page 597 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9074.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 4 of 5
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring - 6 @ 30' (830-4819-28)	1/22/24	13:32 Mountain		Solid			X	X	1	
New Boring - 6 @ 40' (830-4819-29)	1/22/24	13:39 Mountain		Solid			X	X	1	
New Boring - 6 @ 50' (830-4819-30)	1/22/24	13:45 Mountain		Solid			X	X	1	
New Boring - 6 @ 60' (830-4819-31)	1/22/24	13:56 Mountain		Solid			X	X	1	
New Boring - 6 @ 70' (830-4819-32)	1/22/24	14:22 Mountain		Solid			X	X	1	
New Boring - 6 @ 80' (830-4819-33)	1/22/24	14:32 Mountain		Solid			X	X	1	
New Boring - 6 @ 90' (830-4819-34)	1/22/24	14:39 Mountain		Solid			X	X	1	
New Boring - 6 @ 100' (830-4819-35)	1/22/24	14:45 Mountain		Solid			X	X	1	
New Boring 7- @ 0-1' (830-4819-36)	1/22/24	15:03 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
FedEx			FedEx		
Relinquished by:	Date/Time: 2/1/24 1025	Company	Received by:	Date/Time: 2/1/24 1025	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM

Page 195 of 207

2/16/2024

Released to Imaging: 1/10/2025 10:56:20 AM

Page 598 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9074.5
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 5 of 5
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Y - Trizma
	Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 7 - @ 3' (830-4819-37)	1/22/24	15:07 Mountain		Solid			X	X	1	
New Boring 7- @ 5' (830-4819-38)	1/22/24	15:10 Mountain		Solid			X	X	1	
New Boring 7- @ 10' (830-4819-39)	1/22/24	15:13 Mountain		Solid			X	X	1	
New Boring 7- @ 15' (830-4819-40)	1/22/24	15:17 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: FedEx ID 2/1	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/1/24 1025	Company	Received by:	Date/Time: 2/1/24 1025	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:
	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM

Page 196 of 207

2/16/2024

Released to Imaging: 1/10/2025 10:56:20 AM

Page 599 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9089.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 7- @ 20' (830-4819-41)	1/22/24	15:23 Mountain		Solid			X	X	1	
New Boring 7- @ 25' (830-4819-42)	1/23/24	08:41 Mountain		Solid			X	X	1	
New Boring 7- @ 30' (830-4819-43)	1/23/24	08:49 Mountain		Solid			X	X	1	
New Boring 7- @ 40' (830-4819-44)	1/23/24	09:04 Mountain		Solid			X	X	1	
New Boring 7- @ 50' (830-4819-45)	1/23/24	09:11 Mountain		Solid			X	X	1	
New Boring 8- @ 0-1' (830-4819-46)	1/23/24	09:22 Mountain		Solid			X	X	1	
New Boring 8- @ 3' (830-4819-47)	1/23/24	09:26 Mountain		Solid			X	X	1	
New Boring 8- @ 5' (830-4819-48)	1/23/24	09:30 Mountain		Solid			X	X	1	
New Boring 8- @ 10' (830-4819-49)	1/23/24	09:33 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/2/24 932	Company	Received by:	Date/Time: 2/2/24 932	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM

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2/16/2024

Page 197 of 207

Page 600 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9089.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 8- @ 15' (830-4819-50)	1/23/24	09:40 Mountain		Solid			X	X	1	
New Boring 8- @ 20' (830-4819-51)	1/23/24	09:45 Mountain		Solid			X	X	1	
New Boring 8- @ 25' (830-4819-52)	1/23/24	09:55 Mountain		Solid			X	X	1	
New Boring 8- @ 30' (830-4819-53)	1/23/24	10:05 Mountain		Solid			X	X	1	
New Boring 8- @ 40' (830-4819-54)	1/23/24	10:18 Mountain		Solid			X	X	1	
New Boring 8- @ 50' (830-4819-55)	1/23/24	10:31 Mountain		Solid			X	X	1	
New Boring 8- @ 60' (830-4819-56)	1/23/24	10:41 Mountain		Solid			X	X	1	
New Boring 8- @ 70' (830-4819-57)	1/23/24	10:52 Mountain		Solid			X	X	1	
New Boring 8- @ 80' (830-4819-58)	1/23/24	10:58 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/2/24 932	Company	Received by:	Date/Time: 2/2/24 932	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM
Page 198 of 207
2/16/2024
Released to Imaging: 1/10/2025 10:56:20 AM

Page 601 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9089.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 3 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 8- @ 90' (830-4819-59)	1/23/24	11:06 Mountain		Solid			X	X	1	
New Boring 8- @ 100' (830-4819-60)	1/23/24	11:12 Mountain		Solid			X	X	1	
New Boring 9- @ 0-1 ' (830-4819-62)	1/23/24	12:40 Mountain		Solid			X	X	1	
New Boring 9- @ 3' (830-4819-63)	1/23/24	12:45 Mountain		Solid			X	X	1	
New Boring 9- @ 5' (830-4819-64)	1/23/24	12:50 Mountain		Solid			X	X	1	
New Boring 9- @ 10' (830-4819-65)	1/23/24	12:55 Mountain		Solid			X	X	1	
New Boring 9- @ 15' (830-4819-66)	1/23/24	13:00 Mountain		Solid			X	X	1	
New Boring 9- @ 20' (830-4819-67)	1/23/24	13:07 Mountain		Solid			X	X	1	
New Boring 9- @ 25' (830-4819-68)	1/23/24	13:15 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/2/24 932	Company	Received by:	Date/Time: 2/2/24 932	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM
Page 199 of 207
2/16/2024
Released to Imaging: 1/10/2025 10:56:20 AM

Page 602 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9089.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 4 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
Preservation Code:										
New Boring 9- @ 30' (830-4819-69)	1/23/24	13:20 Mountain		Solid			X	X	1	
New Boring 9- @ 40' (830-4819-70)	1/23/24	13:30 Mountain		Solid			X	X	1	
New Boring 9- @ 50' (830-4819-71)	1/23/24	13:40 Mountain		Solid			X	X	1	
New Boring 10- @ 0-1 ' (830-4819-72)	1/23/24	13:45 Mountain		Solid			X	X	1	
New Boring 10- @ 3 ' (830-4819-73)	1/23/24	13:51 Mountain		Solid			X	X	1	
New Boring 10- @ 5 ' (830-4819-74)	1/23/24	13:55 Mountain		Solid			X	X	1	
New Boring 10- @ 10 ' (830-4819-75)	1/23/24	14:01 Mountain		Solid			X	X	1	
New Boring 10- @ 15 ' (830-4819-76)	1/23/24	14:05 Mountain		Solid			X	X	1	
New Boring 10- @ 20 ' (830-4819-77)	1/23/24	14:10 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/2/24 932	Company	Received by:	Date/Time: 2/2/24 932	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM
Page 200 of 207
2/16/2024
Released to Imaging: 1/10/2025 10:56:20 AM

Page 603 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9089.5
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 5 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 10- @ 25 ' (830-4819-78)	1/23/24	14:19 Mountain		Solid			X	X	1	
New Boring 10- @ 30 ' (830-4819-79)	1/23/24	14:22 Mountain		Solid			X	X	1	
New Boring 10- @ 40 ' (830-4819-80)	1/23/24	14:27 Mountain		Solid			X	X	1	
New Boring 10- @ 50 ' (830-4819-81)	1/23/24	14:33 Mountain		Solid			X	X	1	
Confirmation Boring 1 @ 3' (830-4819-102)	1/22/24	12:35 Mountain		Solid			X	X	1	
Confirmation Boring 1 @ 5' (830-4819-103)	1/22/24	12:40 Mountain		Solid			X	X	1	
Confirmation Boring 4@ 0-1' (830-4819-104)	1/22/24	15:50 Mountain		Solid			X	X	1	
Confirmation Boring 4 @ 3' (830-4819-105)	1/22/24	15:05 Mountain		Solid			X	X	1	
Confirmation Boring 4 @ 5' (830-4819-106)	1/22/24	16:00 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/2/24 932	Company	Received by:	Date/Time: 2/2/24 932	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM
Page 201 of 207
2/16/2024
Released to Imaging: 1/10/2025 10:56:20 AM

Page 604 of 733

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-9089.6
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 6 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4819-1
Address: 9701 Harry Hines Blvd, ,	Due Date Requested: 2/1/2024			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75220				
Phone: 214-902-0300(Tel)	PO #:			
Email:	WO #:			
Project Name: COP BKU 568435	Project #: 88000306			
Site:	SSOW#:			

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
New Boring 1 @ 0-1' (830-4819-107)	1/23/24	07:03 Mountain		Solid			X	X	1	
New Boring 1 @ -3' (830-4819-108)	1/23/24	07:07 Mountain		Solid			X	X	1	
New Boring 1 @ -5' (830-4819-109)	1/23/24	07:10 Mountain		Solid			X	X	1	
New Boring 4 @ 0-1' (830-4819-110)	1/23/24	07:18 Mountain		Solid			X	X	1	
New Boring 4 @ -3' (830-4819-111)	1/23/24	07:23 Mountain		Solid			X	X	1	
New Boring 4 @ -5' (830-4819-112)	1/23/24	07:29 Mountain		Solid			X	X	1	
New Boring 2 @ 0-1' (830-4819-113)	1/23/24	07:33 Mountain		Solid			X	X	1	
New Boring 2 @ 3' (830-4819-114)	1/23/24	07:37 Mountain		Solid			X	X	1	
New Boring 2 @ 5' (830-4819-115)	1/23/24	07:41 Mountain		Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 2/2/24 932	Company	Received by:	Date/Time: 2/2/24 932	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 9/9/2024 2:12:16 PM
Page 202 of 207
2/16/2024
Released to Imaging: 1/10/2025 10:56:20 AM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 830-4819-1

Login Number: 4819 **List Source: Eurofins El Paso**
List Number: 1
Creator: Aparicio, Niria

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 830-4819-1

Login Number: 4819 **List Source: Eurofins Dallas**
List Number: 3 **List Creation: 02/01/24 12:45 PM**
Creator: Dabinett, Ian

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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?	N/A	
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.	True	
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: TRC Solutions, Inc. Job Number: 830-4819-1

Login Number: 4819 **List Source: Eurofins Dallas**
List Number: 4 **List Creation: 02/02/24 12:43 PM**
Creator: Dabinett, Ian

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.	False	COC not relinquished.
Is the Field Sampler's name present on COC?	N/A	
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.	True	
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: TRC Solutions, Inc.

Job Number: 830-4819-1

Login Number: 4819
List Number: 5
Creator: Phillips, Weston

List Source: Eurofins Dallas
List Creation: 02/08/24 10:20 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 830-4819-1

Login Number: 4819 **List Source: Eurofins Midland**
List Number: 2 **List Creation: 01/26/24 11:05 AM**
Creator: Rodriguez, Leticia

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	

Appendix E – Talon LPE Drilling and Soil Vapor Extraction Report

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TALON LPE

Drilling and Soil Vapor Extraction Report
Concho
BKU Satellite G Battery
32.81624°, -104.01595°
Eddy County, New Mexico

PREPARED BY:
Talon/LPE
921 N. Bivins Street
Amarillo, Texas 79107

PREPARED FOR:
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COG Operating LLC
600 W Illinois Avenue
Midland, TX 79701

Project ID: 700778.140.03

February 14, 2020

Page 612 of 733

DRILLING AND SOIL VAPOR EXTRACTION REPORT

Concho
BKU Satellite G Battery
32.81624°, -104.01595°
Eddy County, New Mexico

TALON/LPE PROJECT NO. 700778.140.01

Prepared by:

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February 14, 2020

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TABLE OF CONTENTS

1. INTRODUCTION and OBJECTIVES 1
1.1 Site History 1
1.2 Site Chronology 1

2. SITE ACTIVITIES 3
2.1 Drilling 3
2.2 High Vacuum Soil Vapor Extraction 4
2.3 Investigation Derived Waste 4

3. Investigation Results 5
3.1 Drilling Analytical Results 5
3.2 High Vacuum Soil Vapor Extraction Results 6
3.2.1 Air Quality 6
3.2.2 System Operation Data and Mass Recovery Calculations 7
3.2.3 Radius of Influence 7

4. CONCLUSIONS AND RECOMMENDATIONS 8
4.1 Conclusions 8
4.2 Recommendations 8

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APPENDICES

Appendix A - Figures

Figure 1 – Site Plan
Figure 2 – Site Overview
Figure 3 – Site Topographic Map
Figure 4 – Shallow Zone Radius of Influence Map
Figure 5 – Deep Zone Radius of Influence Map

Appendix B - Tables

Table 1 – Soil Investigation Analytical Table
Table 2 – SVE System Operation Data and Mass Recovery Calculations

Appendix C - Photographic Documentation

Appendix D - NMEDOCD Form C-141

Appendix E - Boring Logs

Appendix F - Field Notes

Appendix G - Soil Laboratory Analytical Report

Appendix H - Air Laboratory Analytical Report

1.0 INTRODUCTION AND OBJECTIVES

Talon/LPE (Talon) is pleased to submit this Drilling and High Vacuum Soil Vapor Extraction (SVE) report for Concho – BKU Satellite G Battery, located at 32.81624°, -104.01595° Loco Hills, Eddy County, New Mexico. The scope of work included additional horizontal and vertical delineation of hydrocarbon contamination at the above-mentioned location. More specifically, the advancement of five (5) boreholes (SVE-1, SVE-2, SVE-3, SVE-4, and SVE-5) and one (1) 48-hour High Vacuum SVE recovery event. The location of these SVE wells can be seen on the site map as Figure 1 in Appendix A.

1.1 Site History

According to the State of New Mexico C-141 Initial Report a release of approximately nine (9) barrels (bbls) of produced water and eight (8) bbls of oil were released into the subsurface soils by result of corrosion in the flowline at the BKU Satellite G Battery on March 27, 2019. Emergency response actions were initiated to recover all free-standing liquids. The emergency response efforts reported recovery of approximately 2 bbls of oil and 3 bbls of produced water by means of vacuum truck. The visual impacts measured approximately 20 ft by 65 ft. The New Mexico Oil Conservation District C-141 form can be found in Appendix D.

Tetra Tech, Inc (Tetra Tech) performed a Site Assessment/Characterization in April 2019. The shallowest depth to groundwater below the impacted area was reported as 266 ft below ground surface (bgs). Furthermore, the release was outside the specified radii for nearest significant watercourses, residences, schools, hospitals, churches, or incorporated municipal boundaries.

A risk-based evaluation has been performed for the Site in accordance with New Mexico Oil Conservation District (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases. The guidelines provide recommended remedial action levels (RRAL) for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX), and Total Petroleum Hydrocarbons (TPH) in contaminated soils. Regulations were determined to be 10 mg/kg for benzene, 50 mg/kg for Total BTEX, 2500 mg/kg for Total TPH (GRO + DRO + ORO), and 20,000 mg/kg for chlorides.

1.2 Site Chronology

- March 27, 2019 Approximately 8 bbls of oil and 9 bbls of produced water was released into the subsurface soil due to a hole in the flowline. Free-standing liquid recovery was reported to be approximately 2 bbls of oil and 3 bbls of produced water.

- April 4, 2019 Tetra Tech completed a Site Characterization and Risk-Based evaluation to determine the RRAL concentrations for soil contamination. (Benzene = 10mg/Kg, BTEX = 50 mg/Kg, Total TPH = 2,500 mg/Kg, and Chlorides = 20,000 mg/Kg).

- April 16, 2019 Tetra Tech advanced two (2) boreholes (BH-1 and BH-2) in efforts to achieve horizontal delineation from the release source area. Borehole (BH-1 and BH-2) were advanced to total depths of 90 ft and 60 ft bgs, respectively.

- May 13, 2019 Tetra Tech advanced one (1) borehole (BH-3) in efforts to achieve vertical delineation from the release source area. Borehole (BH-3) was advanced to a total depth of approximately 145-150 bgs. Impacts are estimated to extend approximately 95 ft bgs.

- October 16, 2019 Tetra Tech advanced eight (8) boreholes (North, N-1, East, South, S-1, West, W-1, and W-2) in efforts to achieve full horizontal delineation of the soil contamination. The boreholes were advanced to depths ranging from 20 ft bgs to 90 ft bgs.

- October 23, 2019 Talon installed one (1) Soil Vapor Extraction well (SVE-1). SVE-1 was drilled to a depth of 100 ft bgs. Talon advanced an additional boring (SVE-5) 50 ft bgs however; this well was plugged and abandon by the on-site geologist after data interpretation revealed no evidence of contamination.

- October 24, 2019 Talon installed two (3) additional Soil Vapor Extraction wells (SVE-2, SVE-3, and SVE-4). SVE-2 was drilled to a depth of 100 feet; SVE-3 and SVE-4 were drilled to a depth of 50 feet.

- October 29, 2019 Talon performed one (1) 48-hour Soil Vapor Extraction event utilizing all four (4) completed SVE wells (SVE-1, SVE-2, SVE-3, and SVE-4).

2.0 SITE ACTIVITIES

The following section presents a summary of the Drilling and SVE recovery activities conducted at the Concho-BKU Satellite G Battery site in October 2019. The goal of these activities was to obtain current site data in order to evaluate the next appropriate corrective action.

2.1 Drilling

On October 23 and 24, 2019, Talon utilized an air rotary drilling rig to advanced five (5) 7 7/8-inch boreholes at the site in order to install soil vapor extraction wells. Three (3) of the boreholes were advanced to approximately 50 ft bgs (SVE-3, SVE-4 and SVE-5). The additional two (2) boreholes were advanced to approximately 100 ft bgs (SVE-1 and SVE-2). Immediately following drilling activities four (4) of the five boreholes (SVE-1, SVE-2, SVE-3 and SVE-4) were completed using 4-inch inside diameter, flush-threaded schedule 40 PVC casing and screen; with a No. 10 continuous slot-screen (0.010 inch) interval which extends from 50 ft to 100 ft in the deep wells (SVE-1 and SVE-2) and approximately 7 ft to 50 ft in the shallow wells (SVE-3 and SVE-4). In efforts to allow the maximum infiltration of vapor phase separated hydrocarbons (PSH) into the wells; silica sand was used as a filter material around the screen. Following the installation of the filter pack, 3/8-inch bentonite chips were placed into the remaining annual space of each well and properly hydrated. Wells were completed approximately 3 ft above ground surface with 3ft x 3ft x 4-inch concrete pads. The borehole placements and total depths were determined by the on-site geologist. The fifth borehole extended out of the zone of contamination; which was determined by the lack of vapor readings and olfactory evidence (SVE-5). Well construction logs are included in Appendix E.

During the advancement of soil borings, soil samples were collected at five (5) foot intervals for field lithologic analysis and head-space analysis. Head-space analyses were performed using a calibrated MultiRAE photoionization detector (PID). The retrieved soil samples from each boring were physically examined and characterized by the field geologist using the Unified Soil Classification System (ASTM D2487-85). Due to extensive vapor readings and olfactory evidence nineteen (19) retrieved soil samples were properly prepared, preserved, containerized, labeled and relinquished to Xenco Laboratories in Stafford, Texas under chain of custody for analytical testing. The collected samples were analyzed for BTEX via method 8260, and Total Petroleum Hydrocarbons (TPH) via method TX1005.

2.2 High Vacuum Soil Vapor Extraction

On October 29, 2019, Talon conducted a 48-hour High Vacuum SVE event on four (4) SVE wells (SVE-1, SVE-2, SVE-3, and SVE-4) located at the BKU Satellite G Battery site in Loco Hills, Eddy County, New Mexico. The objective of this event was to induce airflow in the subsurface with an applied vacuum extraction enhancing the in-situ volatilization of contaminants and capture of soil vapors from the impacted soils. The SVE event was conducted utilizing an SVE extraction pump capable of generating vacuum up to 25" hg. Off gas vapors extracted from the extraction wells were destroyed using a propane-fired 1000-SCFM thermal oxidizer capable of processing 172.96 lbs/hr of gasoline.

A total of 48 hours (2.0 days) of vapor recovery was performed on SVE-1, SVE-2, SVE-3, and SVE-4 during the October 2019 event. The volume of vapor removed during this event is shown to reflect the portions of off-gas vapor. Air removal rates were calculated from velocity measurements recorded at the influent manifold prior to entry into the SVE unit. Vapor recovery and air flow data has been detailed and can found in Table 2 in Appendix B. Influent air samples were collected over the course of the event and submitted for laboratory analysis in order to compare the predicted vapor concentrations (based on field-screening or calculated based on fuel consumption) to the actual vapor concentrations. Influent samples from the event were tested for Total-Gas Analysis (Hydrocarbon Composition) by GPA 2261-C6+. The laboratory analytical results can be found in Appendix H.

2.3 Investigation Derived Waste

All accumulated investigation derived waste (drill cuttings) were stock piled along the excavated trench at the client's discretion. Further corrective action will be initiated therefore an individual waste disposal event was not conducted. The procedure used during this drilling phase was developed to facilitate planning and implementation of well replacement and installation in accordance with 19.27.4 NMAC.

3.0 INVESTIGATION RESULTS

Talon has reviewed the laboratory analytical data report and certifies that the data has been evaluated for technical acceptability, including problems and anomalies associated with the data, and that a determination of the usability of the analytical data with regard to project objectives has been made. Please refer to Appendix G for a full explanation of chemical constituents detected.

3.1 Drilling Analytical Results

As referenced, soil samples were retrieved from two (2) SVE wells (SVE-1 and SVE-5) and submitted to Xenco Laboratory for BTEX analysis via method 8260. This method may be used for the analysis of the aliphatic hydrocarbon fraction in the light ends of petroleum hydrocarbons.

Benzene concentrations reported for SVE-1 soil sample analysis ranged from <0.000208 mg/kg at 90 ft bgs to 66.2 mg/kg at 10 ft bgs. Benzene concentrations reported from SVE-5 soil sample analysis ranged from <0.000208 mg/kg at 40 and 50 ft bgs to 0.0122 mg/kg at 5 ft bgs.

Toluene concentrations reported for SVE-1 soil sample analysis ranged from <0.00101 mg/kg at 90 ft bgs to 171 mg/kg at 10 ft bgs. Toluene concentrations reported for SVE-5 soil sample analysis ranged from <0.000998 mg/kg at 20 ft bgs to 0.00481 mg/kg at 5 ft bgs.

Ethylbenzene concentrations reported for SVE-1 soil sample analysis ranged from <0.000338 mg/kg at 90 ft bgs to 133 mg/kg at 10 ft bgs. Ethylbenzene concentrations reported for SVE-5 soil sample analysis ranged from <0.000335 mg/kg at 20 ft bgs to 0.000461 mg/kg at 10 ft bgs.

Total Xylene concentrations reported for SVE-1 soil sample analysis ranged from <0.000439 mg/kg at 90 ft bgs to 88 mg/kg at 20 ft bgs. Total Xylene concentrations reported for SVE-5 soil sample analysis ranged from <0.000436 mg/kg at 20 ft bgs to 0.000511 mg/kg at 10 ft bgs.

Total Petroleum Hydrocarbons (TPH) were tested using the 8015 method. This method can be used to determine the concentrations of non-halogenated volatile organic compounds and semi volatile organic compounds by gas chromatography.

TPH concentrations reported for SVE-1 soil sample analysis ranged from 25.2 mg/kg at 90 ft bgs to 21700 mg/kg at 10 ft bgs. TPH concentrations reported for SVE-5 soil sample analysis ranged from <9.92 mg/kg at 5 ft bgs to 10.1 mg/kg at 20 ft bgs.

3.2 High Vacuum Soil Vapor Extraction Results

A total of 48-hours of soil vapor recovery was performed on SVE-1, SVE-2, SVE-3, and SVE-4 during the October 2019 event. SVE field logs can be found in Attachment 5.

The volume of vapor removed during the SVE event is shown to reflect as off-gas vapor. Air removal rates were calculated from velocity measurements recorded at the influent manifold prior to entry into the SVE unit. Vapor recovery and air flow data has been detailed and can be found in Table 2 of Appendix B Influent air samples were collected over the course of the event. These samples were submitted for laboratory testing in order to compare the predicted vapor concentrations (based on field-screening or calculated based on fuel consumption) to the actual vapor concentrations. Both influent samples from the event were tested for Total-Gas Analysis (Hydrocarbon Composition) by GPA 2261-C6+. Laboratory analytical can be found in Attachment 6.

Based on a combination of field vapor screening and collected laboratory samples, an estimated total of **140.26 equivalent gallons of hydrocarbons as off-gas vapor (Total)** were removed during the event. The calculations used to estimate the off-gas vapor mass recovered reflect the mass of total hydrocarbons recovered and does not necessarily equate to an equal mass of the product released. The mass recovery calculations may be affected by variations in the specific gravity of hydrocarbon released, age of release, activity of aerobic and/or anaerobic processes, and site specific geochemical factors.

The cumulative air flow measurements for the SVE event was calculated using a combination of field data measurements and Preso® B+ manufacturer provided formulas. **Air flow rates extracted from the SVE wells averaged 372.72 SCFM** during the event.

3.2.1 Air Quality

Influent air samples were collected during each event. These samples were submitted for laboratory testing in order to compare the predicted vapor concentrations (based on field-screening or calculated based on fuel consumption) to the actual vapor concentrations. The maximum influent concentration was recorded as 10,310 ppmv for Hydrocarbon Composition.

3.2.2 System Operation Data and Mass Recovery Calculations

Formulae:

$$\text{Concentration (C\_mg/l)} = \frac{\text{C\_ppmv x Mol. wt. in mg(estimated) x 1000 x 0.000001}}{\text{0.0821 x Temp (K)}}$$

$$\text{Recovery Rate (lbs/hr)} = \frac{\text{(C\_mg/l) x 2.2 x (Flowrate) x 60 x28.32}}{\text{1,000,000}}$$

Recovery (lbs) = (lbs/hr) x (hrs)

$$\text{Correction Factor (CF)} = \frac{\text{PID Reading(ppm)}}{\text{PID Reading at Time of Laboratory Analysis}}$$

$$\frac{\text{8.34 lbs}}{\text{gallon water}} \times \text{0.82 average specific gravity of light crude (estimated)} = \frac{\text{6.84 lbs light crude}}{\text{gallon}}$$

3.2.3 Radius of Influence

The radius of influence (ROI) is defined as the greatest distance from an extraction well at which a sufficient vacuum and vapor flow can be induced to adequately enhance volatilization and extraction of contaminant in the soils. A general rule for the ROI is considered to be the distance from the extraction well at which a vacuum (in H2O) of 0.1-inch is observed.

Talon recorded an average of 3.16 (in H2O) vacuum pressure in SVE-2 and 1.15 (in H2O) vacuum pressure in SVE-3 while performing the high vacuum soil extraction event on SVE-1 over a 12-hour duration. During the 12-hour event conducted on SVE-4 Talon recorded average vacuum pressures of 2.85 (in H2O) and 3.19 (in H2O) in SVE-2 and SVE-3 respectively.

According to the vacuum pressures observed Talon can achieve a **minimum ROI of 35 feet** from each soil vapor extraction well while operating at an air flow rate of approximately 350 standard cubic feet per minute (scfm).

4.0 CONCLUSIONS AND RECOMMENDATIONS

Talon conducted a series of investigation activities (Drilling and Soil Vapor Extraction Event) to remove soil contamination at the Concho-BKU Satellite G Battery site in efforts to prevent the spread of the contaminants to a broader soil contaminated area or potentially groundwater.

4.1 Conclusions

Five (5) soil borings were advanced in/around the point of release in order to obtain vapor head-space readings and soil samples for analysis. Four (4) of the five soil borings were completed as SVE wells with total depths of 50 ft and 100 ft bgs. The SVE wells are screened at intervals to create an upper and lower zone of vapor extraction.

One (1) 48-hour high vacuum soil extraction event was conducted approximately a week following the installation of SVE wells. An estimated total of **140.26** equivalent gallons of hydrocarbons as off-gas vapor (Total) was removed during the event. A **minimum ROI of 35 feet** was observed at the upper and lower zones of contamination during this event.

4.2 Recommendations

Talon recommends continuing corrective action to include six (6) monthly events of high vacuum soil extraction on wells (SVE-1, SVE-2, SVE-3, and SVE-4) in order to obtain additional site data to evaluate the next appropriate corrective action.

Following the completion of SVE events; soil sampling analysis should be conducted and compared to the site specific RRAL levels in order to evaluate soil concentrations; ultimately in efforts to submit closure for the spill release.

APPENDIX A

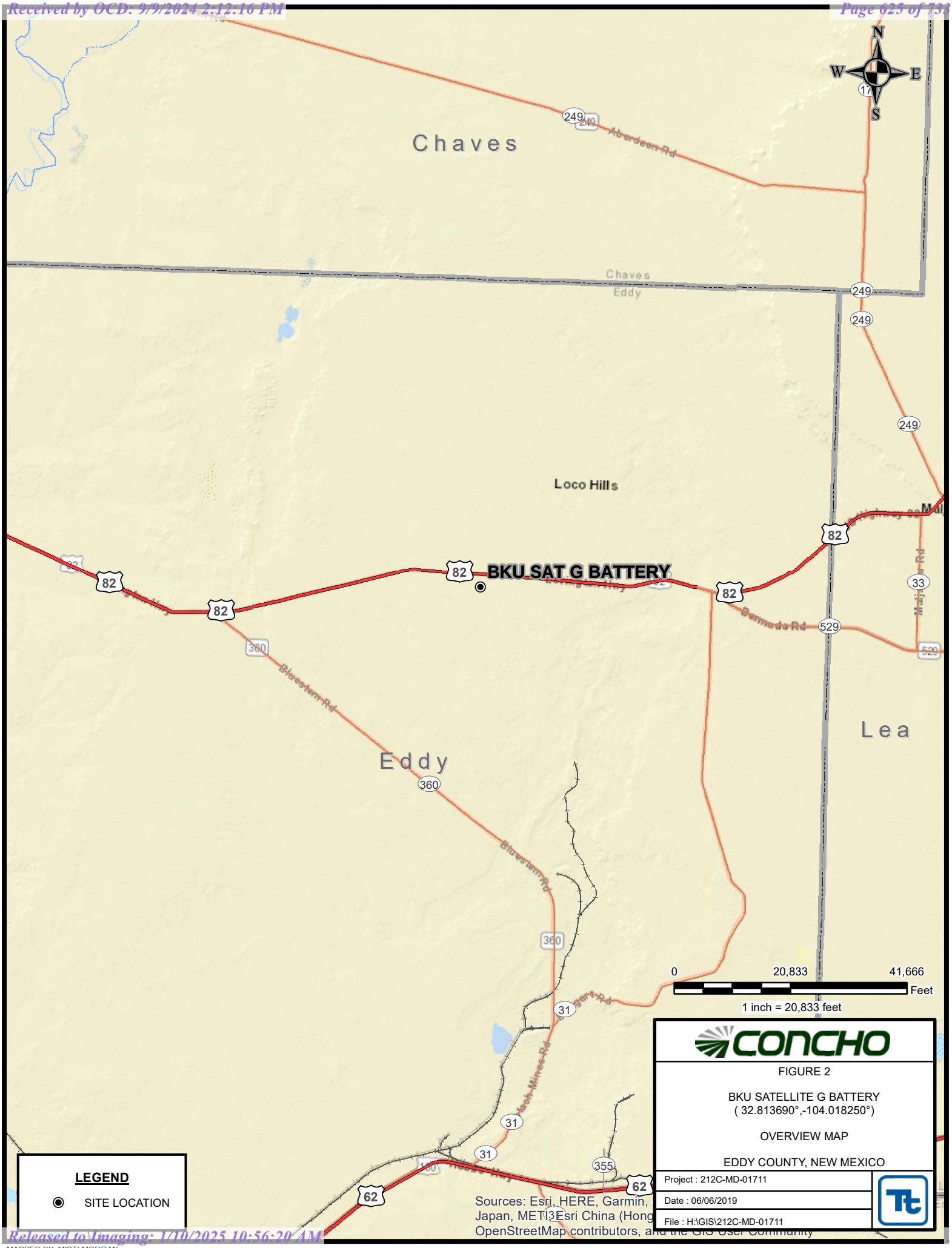
FIGURES



TALON LPE

Drafted: 4/13/2020
1 in = 30 ft
Drafted By: NRC

Concho
BKU Satellite G Battery
Eddy County, New Mexico
Attachment 1 - Site Update Map



CONCHO

FIGURE 2

BKU SATELLITE G BATTERY
(32.813690°,-104.018250°)

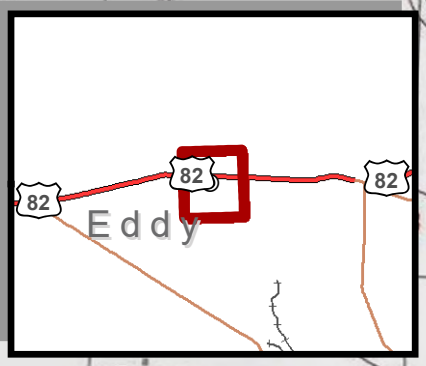
OVERVIEW MAP

EDDY COUNTY, NEW MEXICO

Project : 212C-MD-01711	
Date : 06/06/2019	
File : H:\GIS\212C-MD-01711	

MAPPED BY: MISTI MORGAN

SOURCE: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



OVERALL VIEW 1:735,333

BKU SAT G BATTERY

0 2,000 4,000 Feet

1 inch = 2,000 feet

LEGEND

◉ SITE LOCATION

CONCHO

FIGURE 3

BKU SATELLITE G BATTERY
(32.813690°,-104.018250°)

TOPOGRAPHIC MAP

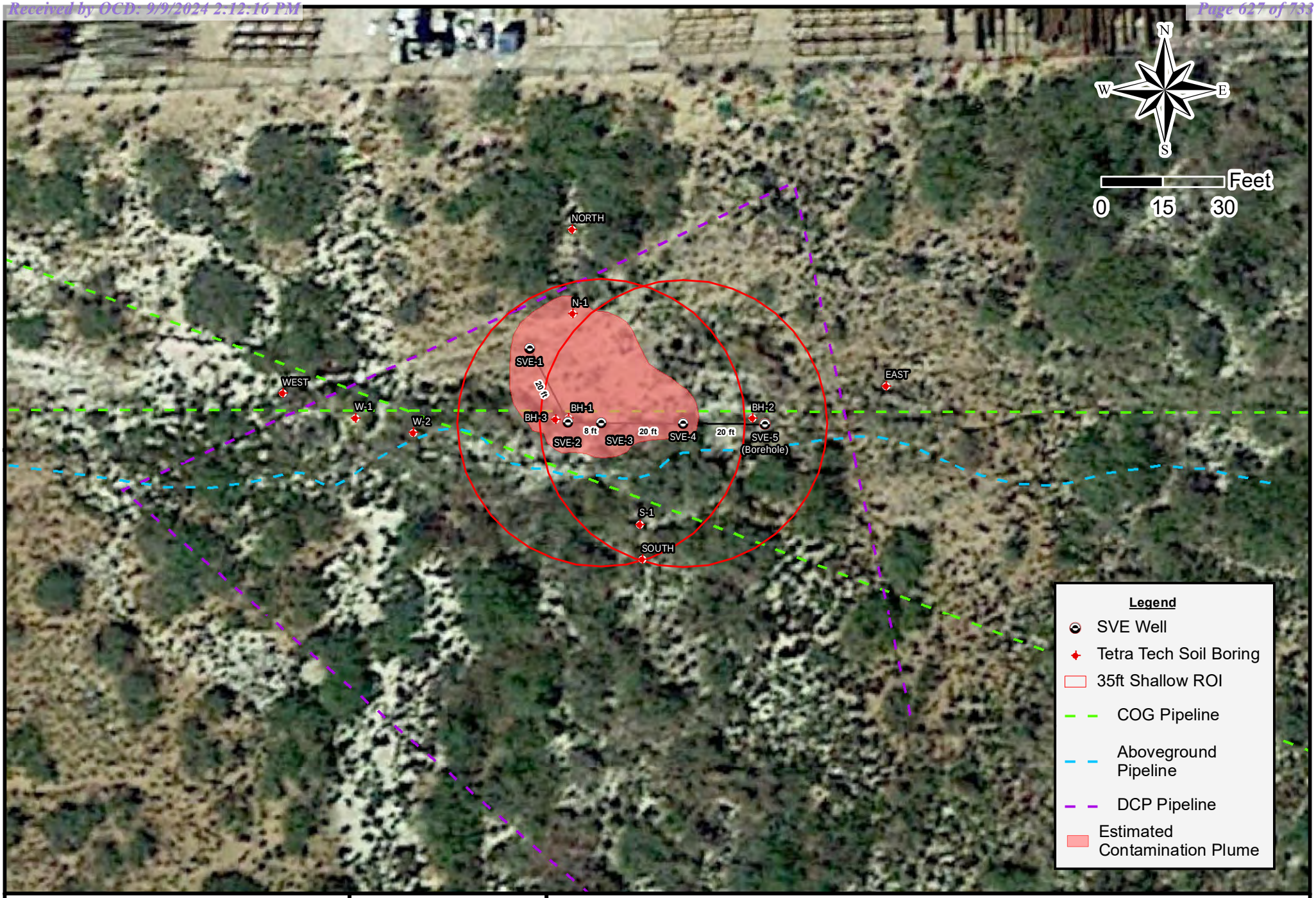
EDDY COUNTY, NEW MEXICO

Project : 212C-MD-01711	
Date : 06/06/2019	
File : H:\GIS\212C-MD-01711	

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MAPPED BY: MISTI MORGAN

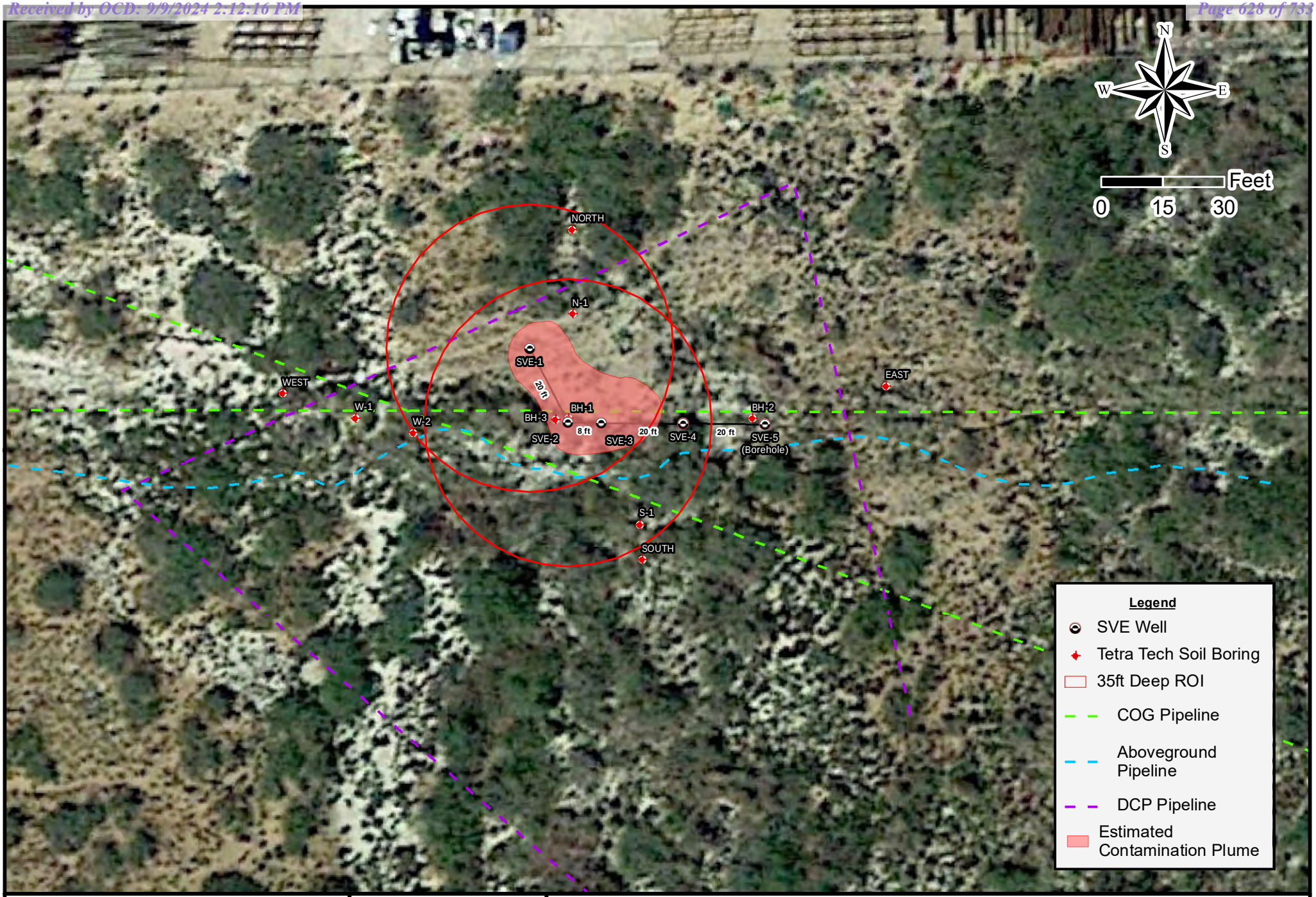
SOURCE: Esri, Copyright:© 2013 National Geographic Society, i-cubed



TALON LPE

Drafted: 4/13/2020
1 in = 30 ft
Drafted By: NRC

Concho
BKU Satellite G Battery
Eddy County, New Mexico
Attachment 1 - Shallow Zone Radius of Influence Map



TALON LPE

Drafted: 4/13/2020
1 in = 30 ft
Drafted By: NRC

Concho
BKU Satellite G Battery
Eddy County, New Mexico
Attachment 1 - Deep Zone Radius of Influence Map

APPENDIX B

TABLES

Concho
BKU Satellite G Battery
Eddy County, New Mexico
Soil Investigation

Sample Designation	Depth bgs (ft)	Date Sampled	Concentration (mg/Kg)								
			TPH				BTEX				
			Gasoline Range Hydrocarbons (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Hydrocarbons (MRO)	Total TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
			Recommended Remediation Action Level			2500	10				50
BH-1 (Tetra Tech)	1	04/16/19	2120	18000	2590	22710	1.63	11.8	13.2	19.4	46.03
	3	04/16/19	908	5740	818	7466	1.03	9.84	12.1	18.3	41.27
	5	04/16/19	2030	5220	681	7931	2.04	9.27	19.8	27.9	59.01
	7	04/16/19	2480	5480	771	8731	7.77	<0.504	25.8	25.4	58.9
	10	04/16/19	522	1650	213	2385	-	-	-	-	-
	15	04/16/19	2740	6030	802	9572	-	-	-	-	-
	20	04/16/19	1010	3700	489	5199	2	6.1	13.5	17.5	39.1
	25	04/16/19	4230	7250	988	12468	-	-	-	-	-
	30	04/16/19	2090	3620	488	6198	6	35.8	25.4	32.3	99.5
	35	04/16/19	3230	5810	755	9795	6.87	89.6	76.1	99.1	271.67
	40	04/16/19	1120	5110	654	6884	1.53	11.3	12.3	16.8	41.93
	45	04/16/19	4080	6600	896	11576	-	-	-	-	-
	50	04/16/19	3370	6830	732	10932	4.89	129	115	148	396.89
	55	04/16/19	2360	5830	668	8858	-	-	-	-	-
	60	04/16/19	2640	4380	567	7587	6.67	77.6	61.7	78.5	224.47
	70	04/16/19	3490	5620	705	9815	6.09	95.1	79.5	103	283.69
	80	04/16/19	3790	6250	766	10806	5.23	85.2	76.3	96.7	263.43
	90	04/16/19	1660	5720	698	8078	0.902	18.5	24	34.2	77.60
BH-2 (Tetra Tech)	1	04/16/19	385	19700	2570	22655	0.0125	<0.0499	0.0796	0.607	0.812
	3	04/16/19	21.8	1020	173	1215	0.0948	0.0517	0.158	0.217	0.5215
	5	04/16/19	25.3	195	26	246	0.086	0.0336	0.101	0.146	0.3666
	7	04/16/19	3590	17700	2020	23310	<0.990	4.35	1.76	10.8	16.9
	10	04/16/19	371	1900	227	2498	<0.202	<0.202	1.85	4.05	5.9
	15	04/16/19	1860	5300	720	7880	-	-	-	-	-
	20	04/16/19	107	832	101	1040	-	-	-	-	-
	25	04/16/19	866	3530	329	4725	-	-	-	-	-
	30	04/16/19	304	2310	221	2835	<0.200	<0.200	1.74	3.28	5.02
	50	04/16/19	<15	38.7	<15.0	39	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	60	04/16/19	<15	16.8	<15.0	17	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201
BH-3 (Tetra Tech)	85	05/13/19	1530	5010	549	7089	10	39.4	32.4	42.3	124.1
	95	05/13/19	300	2730	263	3293	<0.00199	<0.00199	0.0945	0.0741	0.169
	100	05/13/19	59.1	860	93.5	1013	<0.00198	0.0154	0.038	0.652	0.119
	105	05/13/19	55.6	768	87.5	911	0.00221	0.0329	0.0661	0.104	0.205
	110	05/13/19	19.1	205	25.1	249	<0.00200	<0.00200	0.00418	0.00799	0.0122
	115	05/13/19	33.3	660	79.1	772	<0.00201	0.00546	0.02	0.0336	0.0591
	120	05/13/19	30.2	474	58.5	563	<0.00199	0.00309	0.0297	0.0397	0.0725
	125	05/13/19	17.5	308	35.5	361	<0.00199	<0.00199	0.0107	0.0171	0.0278
	130	05/13/19	<14.9	<14.9	<14.9	<14.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	135	05/13/19	16.3	208	20.3	245	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198
	140	05/13/19	<15.0	50.4	<15.0	50	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202
	145	05/13/19	<15.0	28.4	<15.0	28	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199
	150	05/13/19	<15.0	<15.0	<15.0	<15.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200

Concho
BKU Satellite G Battery
Eddy County, New Mexico
Soil Investigation

Sample Designation	Depth bgs (ft)	Date Sampled	Concentration (mg/Kg)								
			TPH				BTEX				
			Gasoline Range Hydrocarbons (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Hydrocarbons (MRO)	Total TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
			Recommended Remediation Action Level			2500	10				50
N-1 Horizontal (Tetra Tech)	5	10/16/19	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199
	10	10/16/19	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	15	10/16/19	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199
	20	10/16/19	<49.8	371	<49.8	371	<0.00202	<0.00202	0.0106	0.0106	0.0252
	25	10/16/19	184	949	101	1234	0.00623	0.255	1.85	0.859	2.97023
	30	10/16/19	498	3690	387	4575	0.113	4.19	7.47	13.8	25.573
	35	10/16/19	237	1290	136	1663	0.355	4.68	5.95	9.1	20.085
	40	10/16/19	495	3630	400	4525	0.22	5.76	7.3	10.8	24.08
	45	10/16/19	787	4380	454	5621	0.523	10.3	14.4	19.4	44.623
	50	10/16/19	546	3760	404	4710	0.245	9.55	13.1	18.2	41.095
	60	10/16/19	<49.9	141	<49.9	141	0.00653	0.028	0.0168	0.0247	0.07603
	70	10/16/19	<50.0	117	<50.0	117	0.0032	0.0133	0.00724	0.0107	0.03444
S-1 Horizontal (Tetra Tech)	5	10/16/19	<50.0	<50.0	<50.0	<50.0	0.00211	0.00763	<0.00199	<0.00199	0.00974
	10	10/16/19	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202
	15	10/16/19	<49.8	439	49.9	489	<0.00198	0.00819	0.0502	0.0922	0.151
	20	10/16/19	<50.0	83.8	<50.0	84	<0.0201	<0.0201	<0.0201	<0.0201	<0.0201
	25	10/16/19	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	30	10/16/19	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198
	35	10/16/19	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
E - Horizontal	5	10/16/19	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	10	10/16/19	<50.0	<50.0	<50.0	<50.0	<0.0201	<0.0201	<0.0201	<0.0201	<0.0201
	15	10/16/19	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	20	10/16/19	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202
W-1 Horizontal (Tetra Tech)	5	10/16/19	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	10	10/16/19	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199
	15	10/16/19	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	20	10/16/19	<50.0	<50.0	<50.0	<50.0	<0.0201	<0.0201	<0.0201	<0.0201	<0.0201
W-2 Horizontal (Tetra Tech)	5	10/16/19	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198
	10	10/16/19	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199
	15	10/16/19	83.6	762	77.6	923	<0.00199	0.0351	0.322	0.507	0.864
	20	10/16/19	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	25	10/16/19	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199
	30	10/16/19	<49.9	<49.9	<49.9	<49.9	<0.0201	<0.0201	<0.0201	<0.0201	<0.0201
SVE-1 (Talon)	5	10/23/19	502.0	5590.0	811.0	6900.0	1.32	.876	0.153	6.68	9.03
	10	10/23/19	6570.0	13500.0	1590.0	21700.0	66.2	171	133	170	540
	15	10/23/19	1630.0	4800.0	701.0	7130.0	5.65	25.8	33	44.9	109
	20	10/23/19	3050.0	5060.0	536.0	8650.0	33.9	78.3	74.2	88	274
	30	10/23/19	769.0	4040.0	431.0	5240.0	4.31	14.9	20.4	27.3	66.9
	40	10/23/19	3500.0	6240.0	555.0	10300.0	26.3	130	72.8	87.8	317
	50	10/23/19	2600.0	5220.0	474.0	8290.0	23	113	58.6	71.4	266
	60	10/23/19	2070.0	4670.0	450.0	7190.0	12.8	72.2	52.2	66.1	203
	70	10/23/19	2090.0	5700.0	485.0	8280.0	16.5	96.1	69.7	87.6	270
	80	10/23/19	1750.0	5780.0	526.0	8060.0	9.55	64	48	60.8	182
	90	10/23/19	10.0	15.2	<9.98	25.2	<0.000208	<0.00101	<0.000338	<0.000439	<0.000208
	100	10/23/19	23.5	277.0	39.8	340.0	0.000439	0.00605	0.0380	0.0758	0.12

Concho
BKU Satellite G Battery
Eddy County, New Mexico
Soil Investigation

Sample Designation	Depth bgs (ft)	Date Sampled	Concentration (mg/Kg)								
			TPH				BTEX				
			Gasoline Range Hydrocarbons (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Hydrocarbons (MRO)	Total TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
			Recommended Remediation Action Level			2500	10				50
SVE-5 (Talon)	5	10/23/19	<9.92	<9.92	<9.92	<9.92	0.0122	0.00481	0.000461	<0.000438	0.0175
	10	10/23/19	<9.99	<9.99	<9.99	<9.99	0.00283	0.00232	0.000401	0.000511	0.00606
	15	10/23/19	<9.95	<9.95	<9.95	<9.95	0.00804	0.00389	0.000400	<0.000437	0.0123
	20	10/23/19	10.1	<9.96	<9.96	10.1	0.000409	<0.000998	<0.000335	<0.000436	0.000409
	30	10/23/19	<9.99	<9.99	<9.99	<9.99	0.00211	0.00111	<0.000335	<0.000436	0.00322
	40	10/23/19	<9.98	<9.98	<9.98	<9.98	<0.000207	<0.001	<0.000336	<0.000438	<0.000207
	50	10/23/19	<9.94	<9.94	<9.94	<9.94	<0.000208	<0.001	<0.000337	<0.000438	<0.000208

(-) Not Analyzed

BOLD - Above Recommend Remediation Action Levels (RRAL)

Table October 2019
System Operation Data and Mass Recovery Calculations

Time	Period (hours)	Influent Temp. (°F)	Vacuum (In. hg)	Vacuum (In. h20)	Differential pressure (In. h20)	Flow (SCFM)	FID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
10:00	1	38	9.0	122.4	110.5	317.09	50000	26580.00	26580.00	1.00	26580	33.82	40.09	40.09	40.09
11:00	1	46	9.0	122.4	112.6	317.54	50000	-	26580.00	1.00	26580	33.28	39.51	39.51	79.59
12:00	1	50	9.0	122.4	114.3	318.68	50000	-	26580.00	1.00	26580	33.02	39.34	39.34	118.93
13:00	1	58	9.0	122.4	124.8	330.41	50000	-	26580.00	1.00	26580	32.51	40.16	40.16	159.09
14:00	1	62	9.0	122.4	125.9	330.59	50000	-	18900.00	1.00	18900	22.70	28.06	28.06	187.14
15:00	1	66	9.0	122.4	127.3	331.16	50000	18900.00	18900.00	1.00	18900	22.53	27.89	27.89	215.03
16:00	1	70	9.0	122.4	128.1	330.94	50000	-	18900.00	1.00	18900	22.36	27.66	27.66	242.70
17:00	1	68	9.0	122.4	126.9	330.01	50000	-	18900.00	1.00	18900	22.45	27.69	27.69	270.39
18:00	1	62	9.0	122.4	127.3	332.42	50000	-	26310.00	1.00	26310	31.94	39.70	39.70	310.08
19:00	1	57	9.0	122.4	126.8	333.37	50000	-	26310.00	1.00	26310	32.25	40.19	40.19	350.28
20:00	1	52	9.0	122.4	127.0	335.26	50000	26310.00	26310.00	1.00	26310	32.57	40.82	40.82	391.09
21:00	1	50	9.0	122.4	126.9	335.78	50000		26310.00	1.00	26310	32.70	41.04	41.04	432.13
22:00	1	50	10.0	136	118.3	316.38	50000	6380.00	6380.00	1.00	6380	7.85	9.28	9.28	441.42
23:00	1	50	10.0	136	111.4	307.02	50000	-	6380.00	1.00	6380	7.85	9.01	9.01	450.42
0:00	1	50	10.0	136	113.6	310.03	50000	-	6380.00	1.00	6380	7.85	9.09	9.09	459.52
1:00	1	50	10.0	136	112.9	309.08	50000	-	6380.00	1.00	6380	7.85	9.07	9.07	468.58
2:00	1	46	10.0	136	113.3	310.85	50000	-	4950.00	1.00	4950	6.08	7.07	7.07	475.65
3:00	1	44	10.0	136	113.1	311.19	50000	4950.00	4950.00	1.00	4950	6.11	7.10	7.10	482.76
4:00	1	44	10.0	136	113.5	311.74	50000	-	4950.00	1.00	4950	6.11	7.12	7.12	489.87
5:00	1	44	10.0	136	113.1	311.19	50000	-	4950.00	1.00	4950	6.11	7.10	7.10	496.98
6:00	1	42	10.0	136	113.6	312.49	50000	-	3570.00	1.00	3570	4.39	5.13	5.13	502.11
7:00	1	42	10.0	136	113.3	312.08	50000	-	3570.00	1.00	3570	4.39	5.12	5.12	507.23
8:00	1	42	10.0	136	113.8	312.77	50000	3570.00	3570.00	1.00	3570	4.39	5.13	5.13	512.36
9:00	1	42	10.0	136	114.1	313.18	50000	-	3570.00	1.00	3570	4.39	5.14	5.14	517.50
Averages:		51.04	9.50	129.20	118.43	320.05	50000.00						Total	517.50	

PSH Mass Recovered in Vapor Phase = 79.49 gallons

FID maximum Concentration = 50,000 PPM

Ex: Conversion from ppmv to mg/L (influent 3)

Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(Grams)	(atm)	(atm.liter/K mole)	(F)	(K)	(C_mg/l)
26580	28.8644	1	0.0821	38	276.333333	33.8174422

Inputs are the green values.
Calculated values are yellow.
Constants are purple values.
Outpus are the blue values.

Total Hydrocarbon Recovery

PSH Mass Recovered in Vapor Phase =	517.50	lbs
	79.49	gallons
PSH Mass Recovered in Liquid Phase =	0.00	lbs
	0.00	gallons
TOTAL =	517.50	lbs
	79.49	gallons

Gallons removed determined at time of pick up

PSH Volume in Gallons= 0
PSH Mass in Pounds= 0

% Total Hydrocarbon to ppmv - Influent 1

Compound	Molecular Weight (g/mol)	Vol. %	=	ppmv
Methane (CH4)	16.04	0		0.00
Ethane (C2H6)	30.07	0		0.00
Propane (C3H8)	44.10	0.005		50.00
Iso-Butane (C4H10)	58.12	0.004		40.00
N-Butane (C4H10)	58.12	0.02		200.00
Iso-Pentane (C4H12)	72.15	0.075		750.00
N-Pentane (C5H12)	72.15	0.175		1750.00
Hexane+ (C6H14)	86.18	2.379		23790.00
			Total	26580.00

Molecular Weight Calculations

component	Molecular Weight (g/mol)		mol%
Nitrogen (N2)	28.016		97.3390
Methane (CH4)	16.0425		0.0000
Carbon Dioxide (CO2)	44.011		1.8100
Ethane (C2H6)	30.069	0.0221	0.0000
Propane (C3H8)	44.0956	0.0325	0.0030
Iso-Butane (C4H10)	58.1222	0.0342	0.0020
N-Butane (C4H10)	58.1222	0.1286	0.0100
Iso-Pentane (C4H12)	72.1488	0.1885	0.0300
N-Pentane (C5H12)	72.1488	0.0907	0.0700
Hexane+	97.3966	0.3366	0.7360
	Total	0.8332	100
	Calculated MW		28.8644

% Total Hydrocarbon to ppmv - Influent 2

Compound	Molecular Weight (g/mol)	Vol. %	=	ppmv
Methane (CH4)	16.04	0		0.00
Ethane (C2H6)	30.07	0		0.00
Propane (C3H8)	44.10	0.002		20.00
Iso-Butane (C4H10)	58.12	0.004		40.00
N-Butane (C4H10)	58.12	0.01		100.00
Iso-Pentane (C4H12)	72.15	0.04		400.00
N-Pentane (C5H12)	72.15	0.094		940.00
Hexane+ (C6H14)	86.18	1.74		17400.00
			Total	18900.00

Molecular Weight Calculations

component	Molecular Weight (g/mol)		mol%
Nitrogen (N2)	28.016		98.4310
Methane (CH4)	16.0425		0.0000
Carbon Dioxide (CO2)	44.011		0.9750
Ethane (C2H6)	30.069	0.0221	0.0000
Propane (C3H8)	44.0956	0.0325	0.0010
Iso-Butane (C4H10)	58.1222	0.0342	0.0020
N-Butane (C4H10)	58.1222	0.1286	0.0050
Iso-Pentane (C4H12)	72.1488	0.1885	0.0160
N-Pentane (C5H12)	72.1488	0.0907	0.0370
Hexane+	97.3966	0.3366	0.5330
	Total	0.8332	100
	Calculated MW		28.5674

% Total Hydrocarbon to ppmv - Influent 3

Compound	Molecular Weight (g/mol)	Vol. %	=	ppmv
Methane (CH4)	16.04	0		0.00
Ethane (C2H6)	30.07	0		0.00
Propane (C3H8)	44.10	0.005		50.00
Iso-Butane (C4H10)	58.12	0.004		40.00
N-Butane (C4H10)	58.12	0.018		180.00
Iso-Pentane (C4H12)	72.15	0.078		780.00
N-Pentane (C5H12)	72.15	0.183		1830.00
Hexane+ (C6H14)	86.18	2.343		23430.00
			Total	26310.00

Molecular Weight Calculations

component	Molecular Weight (g/mol)		mol%
Nitrogen (N2)	28.016		97.2480
Methane (CH4)	16.0425		0.0000
Carbon Dioxide (CO2)	44.011		1.9090
Ethane (C2H6)	30.069	0.0221	0.0000
Propane (C3H8)	44.0956	0.0325	0.0030
Iso-Butane (C4H10)	58.1222	0.0342	0.0020
N-Butane (C4H10)	58.1222	0.1286	0.0090
Iso-Pentane (C4H12)	72.1488	0.1885	0.0310
N-Pentane (C5H12)	72.1488	0.0907	0.0730
Hexane+	97.3966	0.3366	0.7250
	Total	0.8332	100
	Calculated MW		28.8740

% Total Hydrocarbon to ppmv - Influent 4

Compound	Molecular Weight (g/mol)	Vol. %	=	ppmv
Methane (CH4)	16.04	0		0.00
Ethane (C2H6)	30.07	0		0.00
Propane (C3H8)	44.10	0		0.00
Iso-Butane (C4H10)	58.12	0		0.00
N-Butane (C4H10)	58.12	0		0.00
Iso-Pentane (C4H12)	72.15	0.005		50.00
N-Pentane (C5H12)	72.15	0.01		100.00
Hexane+ (C6H14)	86.18	0.623		6230.00
			Total	6380.00

Molecular Weight Calculations

component	Molecular Weight (g/mol)		mol%
Nitrogen (N2)	28.016		97.1370
Methane (CH4)	16.0425		0.0000
Carbon Dioxide (CO2)	44.011		2.6660
Ethane (C2H6)	30.069	0.0221	0.0000
Propane (C3H8)	44.0956	0.0325	0.0000
Iso-Butane (C4H10)	58.1222	0.0342	0.0000
N-Butane (C4H10)	58.1222	0.1286	0.0000
Iso-Pentane (C4H12)	72.1488	0.1885	0.0020
N-Pentane (C5H12)	72.1488	0.0907	0.0040
Hexane+	97.3966	0.3366	0.1910
	Total	0.8332	100
	Calculated MW		28.5776

% Total Hydrocarbon to ppmv - Influent 5

Compound	Molecular Weight (g/mol)	Vol. %	=	ppmv
Methane (CH4)	16.04	0		0.00
Ethane (C2H6)	30.07	0		0.00
Propane (C3H8)	44.10	0		0.00
Iso-Butane (C4H10)	58.12	0		0.00
N-Butane (C4H10)	58.12	0		0.00
Iso-Pentane (C4H12)	72.15	0.003		30.00
N-Pentane (C5H12)	72.15	0.008		80.00
Hexane+ (C6H14)	86.18	0.484		4840.00
			Total	4950.00

Molecular Weight Calculations

component	Molecular Weight (g/mol)		mol%
Nitrogen (N2)	28.016		98.5470
Methane (CH4)	16.0425		0.0000
Carbon Dioxide (CO2)	44.011		1.3020
Ethane (C2H6)	30.069	0.0221	0.0000
Propane (C3H8)	44.0956	0.0325	0.0000
Iso-Butane (C4H10)	58.1222	0.0342	0.0000
N-Butane (C4H10)	58.1222	0.1286	0.0000
Iso-Pentane (C4H12)	72.1488	0.1885	0.0010
N-Pentane (C5H12)	72.1488	0.0907	0.0030
Hexane+	97.3966	0.3366	0.1470
	Total	0.8332	100
	Calculated MW		28.3280

% Total Hydrocarbon to ppmv - Influent 6

Compound	Molecular Weight (g/mol)	Vol. %	=	ppmv
Methane (CH4)	16.04	0		0.00
Ethane (C2H6)	30.07	0		0.00
Propane (C3H8)	44.10	0		0.00
Iso-Butane (C4H10)	58.12	0		0.00
N-Butane (C4H10)	58.12	0		0.00
Iso-Pentane (C4H12)	72.15	0.003		30.00
N-Pentane (C5H12)	72.15	0.003		30.00
Hexane+ (C6H14)	86.18	0.351		3510.00
			Total	3570.00

Molecular Weight Calculations

component	Molecular Weight (g/mol)		mol%
Nitrogen (N2)	28.016		99.6730
Methane (CH4)	16.0425		0.0000
Carbon Dioxide (CO2)	44.011		0.2190
Ethane (C2H6)	30.069	0.0221	0.0000
Propane (C3H8)	44.0956	0.0325	0.0000
Iso-Butane (C4H10)	58.1222	0.0342	0.0000
N-Butane (C4H10)	58.1222	0.1286	0.0000
Iso-Pentane (C4H12)	72.1488	0.1885	0.0010
N-Pentane (C5H12)	72.1488	0.0907	0.0010
Hexane+	97.3966	0.3366	0.1060
	Total	0.8332	100
	Calculated MW		28.1255

Table October 2019
System Operation Data and Mass Recovery Calculations

Time	Period (hours)	Influent Temp. (°f)	Vacuum (In. hg)	Vacuum (In. h20)	Differential pressure (In. h20)	Flow (SCFM)	FID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
10:00	1	44	4.0	54.4	164.2	427.56	50000	10310.00	10310.00	1.00	10310	12.81	20.47	20.47	20.47
11:00	1	44	4.0	54.4	164.7	428.21	50000	-	10310.00	1.00	10310	12.81	20.50	20.50	40.97
12:00	1	48	4.0	54.4	163.0	424.32	50000	-	10310.00	1.00	10310	12.71	20.15	20.15	61.13
13:00	1	50	4.0	54.4	163.2	423.74	50000	-	10310.00	1.00	10310	12.66	20.05	20.05	81.18
14:00	1	50	4.0	54.4	163.5	424.13	50000	-	10310.00	1.00	10310	12.66	20.07	20.07	101.24
15:00	1	52	4.0	54.4	163.4	423.17	50000	-	10310.00	1.00	10310	12.61	19.94	19.94	121.19
16:00	1	52	4.0	54.4	162.7	422.27	50000	-	10310.00	1.00	10310	12.61	19.90	19.90	141.09
17:00	1	56	4.0	54.4	161.9	419.59	50000	-	10310.00	1.00	10310	12.51	19.62	19.62	160.71
18:00	1	56	4.0	54.4	161.2	418.68	50000	-	10310.00	1.00	10310	12.51	19.58	19.58	180.29
19:00	1	52	4.0	54.4	160.5	419.40	50000	-	9620.00	1.00	9620	11.75	18.43	18.43	198.71
20:00	1	46	4.0	54.4	161.3	422.93	50000	-	9620.00	1.00	9620	11.89	18.80	18.80	217.52
21:00	1	44	4.0	54.4	160.9	423.24	50000	9620.00	9620.00	1.00	9620	11.94	18.89	18.89	236.41
22:00	1	44	4.0	54.4	160.7	422.98	50000	-	9620.00	1.00	9620	11.94	18.88	18.88	255.29
23:00	1	40	4.0	54.4	161.3	425.46	50000	-	9620.00	1.00	9620	12.04	19.14	19.14	274.43
0:00	1	40	4.0	54.4	160.2	424.01	50000	-	9620.00	1.00	9620	12.04	19.08	19.08	293.51
1:00	1	40	4.0	54.4	160.5	424.40	50000	-	9620.00	1.00	9620	12.04	19.10	19.10	312.60
2:00	1	38	4.0	54.4	161.3	426.31	50000	-	9620.00	1.00	9620	12.08	19.26	19.26	331.86
3:00	1	32	4.0	54.4	160.9	428.37	50000	-	4440.00	1.00	4440	5.64	9.04	9.04	340.90
4:00	1	32	4.0	54.4	161.2	428.77	50000	-	4440.00	1.00	4440	5.64	9.05	9.05	349.94
5:00	1	32	4.0	54.4	161.4	429.04	50000	-	4440.00	1.00	4440	5.64	9.05	9.05	359.00
6:00	1	28	4.0	54.4	161.7	431.19	50000	-	4440.00	1.00	4440	5.69	9.17	9.17	368.17
7:00	1	28	4.0	54.4	161.8	431.33	50000	-	4440.00	1.00	4440	5.69	9.17	9.17	377.34
8:00	1	28	4.0	54.4	161.2	430.53	50000	4440.00	4440.00	1.00	4440	5.69	9.16	9.16	386.50
9:00	1	30	4.0	54.4	161.3	429.78	50000	-	4440.00	1.00	4440	5.67	9.10	9.10	395.60
Averages:		41.92	4.00	54.40	161.83	425.39	50000.00						Total	395.60	

PSH Mass Recovered in Vapor Phase = 60.77 gallons

FID maximum Concentration = 50,000 PPM

Ex: Conversion from ppmv to mg/L (influent 3)

Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(Grams)	(atm)	(atm.liter/K. mole)	(F)	(K)	(C_mg/l)
10310	28.5224	1	0.0821	44	279.666667	12.8074165

Inputs are the green values.
Calculated values are yellow.
Constants are purple values.
Outpus are the blue values.

Total Hydrocarbon Recovery

PSH Mass Recovered in Vapor Phase =	913.11	lbs
	140.26	gallons
PSH Mass Recovered in Liquid Phase =	0.00	lbs
	0.00	gallons
TOTAL =	**913.11**	**lbs**
	140.26	**gallons**

Gallons removed determined at time of pick up

PSH Volume in Gallons=	0
PSH Mass in Pounds=	0

% Total Hydrocarbon to ppmv - Influent 7

Compound	Molecular Weight (g/mol)	Vol. %	=	ppmv
Methane (CH4)	16.04	0		0.00
Ethane (C2H6)	30.07	0		0.00
Propane (C3H8)	44.10	0		0.00
Iso-Butane (C4H10)	58.12	0		0.00
N-Butane (C4H10)	58.12	0.004		40.00
Iso-Pentane (C4H12)	72.15	0.033		330.00
N-Pentane (C5H12)	72.15	0.066		660.00
Hexane+ (C6H14)	86.18	0.928		9280.00
			Total	**10310.00**

Molecular Weight Calculations

component	Molecular Weight (g/mol)		mol%
Nitrogen (N2)	28.016		97.8520
Methane (CH4)	16.0425		0.0000
Carbon Dioxide (CO2)	44.011		1.8230
Ethane (C2H6)	30.069	0.0221	0.0000
Propane (C3H8)	44.0956	0.0325	0.0000
Iso-Butane (C4H10)	58.1222	0.0342	0.0000
N-Butane (C4H10)	58.1222	0.1286	0.0020
Iso-Pentane (C4H12)	72.1488	0.1885	0.0130
N-Pentane (C5H12)	72.1488	0.0907	0.0260
Hexane+	97.3966	0.3366	0.2840
	Total	0.8332	100
	Calculated MW		**28.5224**

% Total Hydrocarbon to ppmv - Influent 8

Compound	Molecular Weight (g/mol)	Vol. %	=	ppmv
Methane (CH4)	16.04	0		0.00
Ethane (C2H6)	30.07	0		0.00
Propane (C3H8)	44.10	0		0.00
Iso-Butane (C4H10)	58.12	0		0.00
N-Butane (C4H10)	58.12	0.004		40.00
Iso-Pentane (C4H12)	72.15	0.025		250.00
N-Pentane (C5H12)	72.15	0.063		630.00
Hexane+ (C6H14)	86.18	0.87		8700.00
			Total	**9620.00**

Molecular Weight Calculations

component	Molecular Weight (g/mol)		mol%
Nitrogen (N2)	28.016		97.9350
Methane (CH4)	16.0425		0.0000
Carbon Dioxide (CO2)	44.011		1.7620
Ethane (C2H6)	30.069	0.0221	0.0000
Propane (C3H8)	44.0956	0.0325	0.0000
Iso-Butane (C4H10)	58.1222	0.0342	0.0000
N-Butane (C4H10)	58.1222	0.1286	0.0020
Iso-Pentane (C4H12)	72.1488	0.1885	0.0100
N-Pentane (C5H12)	72.1488	0.0907	0.0250
Hexane+	97.3966	0.3366	0.2660
	Total	0.8332	100
	Calculated MW		**28.4984**

% Total Hydrocarbon to ppmv - Influent 9

Compound	Molecular Weight (g/mol)	Vol. %	=	ppmv
Methane (CH4)	16.04	0		0.00
Ethane (C2H6)	30.07	0		0.00
Propane (C3H8)	44.10	0		0.00
Iso-Butane (C4H10)	58.12	0		0.00
N-Butane (C4H10)	58.12	0.002		20.00
Iso-Pentane (C4H12)	72.15	0.028		280.00
N-Pentane (C5H12)	72.15	0.063		630.00
Hexane+ (C6H14)	86.18	0.351		3510.00
			Total	**4440.00**

Molecular Weight Calculations

component	Molecular Weight (g/mol)		mol%
Nitrogen (N2)	28.016		98.0030
Methane (CH4)	16.0425		0.0000
Carbon Dioxide (CO2)	44.011		1.6910
Ethane (C2H6)	30.069	0.0221	0.0000
Propane (C3H8)	44.0956	0.0325	0.0000
Iso-Butane (C4H10)	58.1222	0.0342	0.0000
N-Butane (C4H10)	58.1222	0.1286	0.0010
Iso-Pentane (C4H12)	72.1488	0.1885	0.0110
N-Pentane (C5H12)	72.1488	0.0907	0.0250
Hexane+	97.3966	0.3366	0.2690
	Total	0.8332	100
	Calculated MW		**28.4893**

APPENDIX C

PHOTOGRAPHIC DOCUMENTATION

PHOTOGRAPHIC DOCUMENTATION

Facility Name: Concho-BKU Satellite G Battery
Location: 32.81624°, -104.01595°
Project Number: 700778.140.02

Prepared by: Trevor Cardenas
Photographer: Multiple
Photograph Date: October 2019

PHOTOGRAPH NO. 1



Description:
Initial site assessment
(September 05, 2019)

PHOTOGRAPH NO. 2



Description:
Initial site assessment
(September 05, 2019)

PHOTOGRAPHIC DOCUMENTATION

Facility Name: Concho-BKU Satellite G Battery
Location: 32.81624°, -104.01595°
Project Number: 700778.140.02

Prepared by: Trevor Cardenas
Photographer: Multiple
Photograph Date: October 2019

PHOTOGRAPH NO. 3



Description:
SVE Well Installation
(October 23, 2019)

PHOTOGRAPH NO. 4



Description:
SVE Well Installation
(October 23, 2019)

PHOTOGRAPHIC DOCUMENTATION

Facility Name: Concho-BKU Satellite G Battery
Location: 32.81624°, -104.01595°
Project Number: 700778.140.02

Prepared by: Trevor Cardenas
Photographer: Multiple
Photograph Date: October 2019

PHOTOGRAPH NO. 5



Description:
SVE – 1 Completion
(October 25, 2019)

PHOTOGRAPH NO. 6



Description:
SVE – 2 and 3 Completion
(October 25, 2019)

PHOTOGRAPHIC DOCUMENTATION

Facility Name: Concho-BKU Satellite G Battery
Location: 32.81624°, -104.01595°
Project Number: 700778.140.02

Prepared by: Trevor Cardenas
Photographer: Multiple
Photograph Date: October 2019

PHOTOGRAPH NO. 7



Description:
SVE – 3 and 4 Completion
(October 25, 2019)

PHOTOGRAPH NO. 8



Description:
Four (4) SVE Well Completions
(October 25, 2019)

APPENDIX D

NMEDOCD FORM C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # *(assigned by OCD)*
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# *(if applicable)*

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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.
- ☐ The impacted area has been secured to protect human health and the environment.
- ☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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.

Printed Name: _____ Title: _____

Signature: DeLinn Grant _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

APPENDIX E

BORING LOGS

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-5 (Borehole)
TOTAL DEPTH: 50'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Talon/LPE
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. ___ Length _____ Slot Size _____
CASING: Diam. ___ Length _____ Type _____
DATE DRILLED: October 23, 2019
LONGITUDE:

PAGE 1 of 2

DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
0								0
5						5'	Light Gray Caliche & Rock Fragments to Brown Clay, Dry	5
10			0.2		5'-7'5"	5'	SAA	10
15			0.0		10'-12'5"	15'	Brown Clay w/ Rock Fragments, Moist	15
20			0.1		15'-17'5"		Brown to Reddish Brown Clay w/ Rock Fragments, Moist	20
25			0.0		20'-22'5"		SAA	25
30			0.0				SAA	30

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-5 (Borehole)
TOTAL DEPTH: 50'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Talon/LPE
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. ___ Length _____ Slot Size _____
CASING: Diam. ___ Length _____ Type _____
DATE DRILLED: October 23, 2019
LONGITUDE:

PAGE 2 of 2

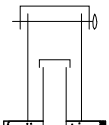
DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
35					30'-32'5"			35
40						40'		40
45			0.0		40'-42'5"		Reddish Brown Silty Sand w/ Trace Clay, Moist	45
50						50'		50
55			0.0		50'-52'5"		Bottom Hole	55
60								60

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-1 (Deep)
TOTAL DEPTH: 100'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Gabe Perez
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. 4" Length 50' Slot Size 0.010
CASING: Diam. 4" Length 53' Type PVC
DATE DRILLED: October 23, 2019
LONGITUDE:

DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
0						0'		0
5						5'	Light Brown Silt w/ Sand and Trace Gravel, Dry, Strong Odor	5
10			403.0		5'-7'5"	5'	Light Brown to Tan Sand w/ Reddish Brown Clay, Staining, Moist, Strong Odor	10
15			355.9		10'-12'5"	10'	Reddish Brown Clay w/ Staining, Moist, Strong Odor	15
20			518.8		15'-17'5"	20'	Reddish Brown Clay w/ Staining, Moist, Strong Odor	20
25			350.8		20'-22'5"		Reddish Brown Silt w/ Some Sand and Clay, Moist, Strong Odor	25

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-1 (Deep)
TOTAL DEPTH: 100'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Gabe Perez
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. 4" Length 50' Slot Size 0.010
CASING: Diam. 4" Length 53' Type PVC
DATE DRILLED: October 23, 2019
LONGITUDE:

DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
30						30'		30
			359.6		30'-32'5"		Reddish Brown Fine Grainded Sand with Clay and Silt, Moist, Strong Odor	
35								35
40			392.4		40'-42'5"		Reddish Brown Fine Grained Sand w/ Trace Silts/Clays, Moist, Strong Odor	40
45								45
50			338.5		50'-52'5"		SAA, Strong Odor	50
55								55

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-1 (Deep)
TOTAL DEPTH: 100'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Gabe Perez
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. 4" Length 50' Slot Size 0.010
CASING: Diam. 4" Length 53' Type PVC
DATE DRILLED: October 23, 2019
LONGITUDE:

DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
60			381.6		60'-62'5"		Reddish Brown Silty Sand to Reddish Brown Silty Clay, Moist with Trace Rock Fragments, Strong Odor	60
65								65
70			308.8		70'-72'5"		SAA, Strong Odor	70
75								75
80			357.7		80'-82'5"		SAA, Strong Odor	80
85								85

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-1 (Deep)
TOTAL DEPTH: 100'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Gabe Perez
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. 4" Length 50' Slot Size 0.010
CASING: Diam. 4" Length 53' Type PVC
DATE DRILLED: October 23, 2019
LONGITUDE:

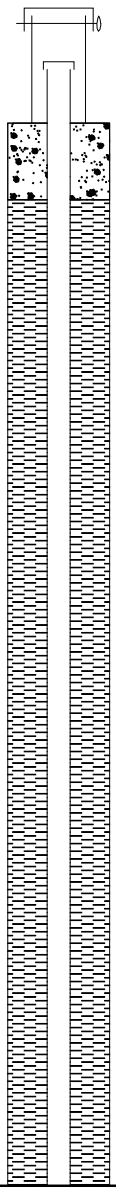
DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
90			3.2		90'-92'5"		SAA	90
95								95
100						100'		100
			68.0		100'-102'5"		Bottom Hole	
105								105
110								110
115								115

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-2 (Deep)
TOTAL DEPTH: 100'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Gabe Perez
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. 4" Length 50' Slot Size 0.010
CASING: Diam. 4" Length 53' Type PVC
DATE DRILLED: October 24, 2019
LONGITUDE:

DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
0							Light Brown - Light Grey Caliche and Rock Fragments, Odor Present	0
5						8'		5
10						10'	Reddish Brown Clay w/ Rock Fragments, Moist, Odor Present	10
15							Reddish Brown Clay w/ Rock Fragments and Sand, Moist, Odor Present	15
20						20'		20
25							Rock Fragments with Reddish Brown Silty Sand, Odor Present	25

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-2 (Deep)
TOTAL DEPTH: 100'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Gabe Perez
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. 4" Length 50' Slot Size 0.010
CASING: Diam. 4" Length 53' Type PVC
DATE DRILLED: October 24, 2019
LONGITUDE:

DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
30						30'		30
35							Reddish Brown Sand w/ Silt and Trace Rock Fragments	35
40								40
45							SAA, Odor Present	45
50						50'		50
55							SAA, Odor Present	55

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-2 (Deep)
TOTAL DEPTH: 100'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Gabe Perez
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. 4" Length 50' Slot Size 0.010
CASING: Diam. 4" Length 53' Type PVC
DATE DRILLED: October 24, 2019
LONGITUDE:

DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
60							SAA, Odor Present	60
65								65
70							SAA, Odor Present	70
75								75
80							SAA, Odor Present	80
85								85

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-2 (Deep)
TOTAL DEPTH: 100'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Gabe Perez
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. 4" Length 50' Slot Size 0.010
CASING: Diam. 4" Length 53' Type PVC
DATE DRILLED: October 24, 2019
LONGITUDE:

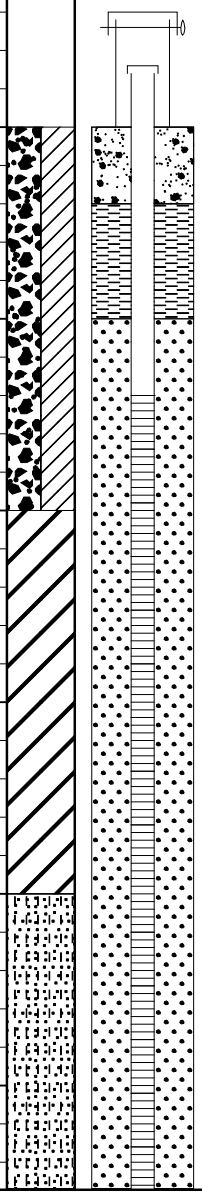
DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
90							Reddish Brown Clay w/ Rock Fragments, Odor Present	90
95								95
100						100'		100
							Bottom Hole	
105								105
110								110
115								115

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-3 (Shallow)
TOTAL DEPTH: 52'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Gabe Perez
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. 4" Length 45' Slot Size 0.010
CASING: Diam. 4" Length 10' Type PVC
DATE DRILLED: October 24, 2019
LONGITUDE:



DEPTH (FT.)	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM
0	0'	
	0'	Light Brown Clay with Caliche and Rock Fragments, Odor Present
10	10'	
		Reddish Brown Clay with Rock Fragments, Moist, Odor Present
20	20'	
		Reddish Brown Silty Sand with Some Rock Fragments, Odor Present
25		

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-3 (Shallow)
TOTAL DEPTH: 52'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Gabe Perez
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. 4" Length 45' Slot Size 0.010
CASING: Diam. 4" Length 10' Type PVC
DATE DRILLED: October 24, 2019
LONGITUDE:

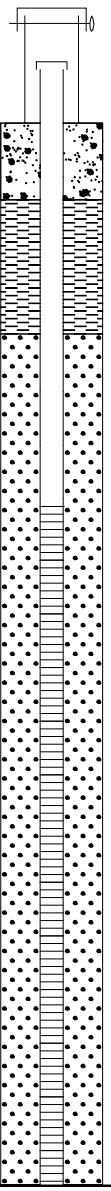
DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
30							SAA, Odor Present	30
35								35
40							SAA, Odor Present	40
45								45
50						52'		50
55							Bottom Hole	55

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-4 (Shallow)
TOTAL DEPTH: 52'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Gabe Perez
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. 4" Length 40' Slot Size 0.010
CASING: Diam. 4" Length 11' Type PVC
DATE DRILLED: October 24, 2019
LONGITUDE:

DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
0						0'		0
5							Brown Sandy Clady w/ Rock Fragments, Moist, Odor Present	5
10						10'		10
15							Reddish Brown w/ Rock Fragments, Moist, Odor Present	15
20						20'		20
25							Reddish Brown Silty Sand w/ some Rock Fragments, Odor Present	25

REMARKS:

SOIL BORING / MONITORING WELL LOG

PROJECT: COG BKU Satellite G
PROJECT NUMBER: 700778.140.01
CLIENT:
BORING / WELL NUMBER: SVE-4 (Shallow)
TOTAL DEPTH: 52'
SURFACE ELEVATION:
GEOLOGIST: Brent Eberhard
LATITUDE:

DRILLING COMPANY: Talon/LPE
DRILLER: Gabe Perez
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. 4" Length 40' Slot Size 0.010
CASING: Diam. 4" Length 11' Type PVC
DATE DRILLED: October 24, 2019
LONGITUDE:

DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
30							SAA, Odor Present	30
35								35
40							Reddish Brown Silty Sand w/ Clay, Odor Present	40
45								45
50						52'		50
55							Bottom Hole	55

REMARKS:

TETRA TECH

Borehole ID:
BH-1

Soil Drilling Log with Field Testing Results

Project Name : COG BKU Sat. G Battery
Project No. : 212C-MD-01711
Location : Lea County, New Mexico
Coordinates : 32.81369, -104.01825
Elevation : NA

Date : Tuesday, April 16, 2019
Sampler : Joe Tyler, Mike Carmona
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
0		Silty sand, HO, HS	396	5,510
			704	4,910
5		Sandy clay w/ pea gravel, HO, HS	1,005	295
			1,920	170
10		Silty clay, HO, LS	952	136
15			1,470	260
20			1,360	230
25		Silty clayey sand, HO	1,621	215
30		Silty sand, HO	2,931	212
35		Silty sand w/few gravel, HO	1,864	170
40		Silty sand, HO	877	100
45		Silty sand, HO, (encountered moisture)	941	140
50		Silty sand, HO	1,260	94
55		Silty sand, HO	1,240	-
60		Silty sand w/few gravel, HO	1,182	-
65			1,110	-
70		Silty sand, HO	1,260	-
75				
80			1,360	-
85				
90		Silty sand, HO	951	90
95		Total Depth = 90' due to poor drilling circulation down-hole caused by characteristics of drilling through sand.		
100				

* *H.O. = Heavy Odor*
* *H.S. = Heavy Staining*
* *L.O. = Low Odor*
* *L.S. = Low Staining*

TETRA TECH

Borehole ID:
BH-2

Soil Drilling Log with Field Testing Results

Project Name : COG BKU Sat. G Battery
Project No. : 212C-MD-01711
Location : Lea County, New Mexico
Coordinates : 32.81625, -104.01578
Elevation : NA

Date : Tuesday, April 16, 2019
Sampler : Joe Tyler, Mike Carmona
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
0		Silty sand, LO	188	681
			130	2,160
5		Silty sandy clay w/few gravel, HO	100	126
			370	113
10		Silty sandy clay, HO	450	140
15			510	136
20			360	130
25		Silty sand, HO	930	125
30			781	120
35		Silty sand, LO	22	130
40			72	150
45			229	-
50		Silty sand, no odor	13	-
55				
60		Silty sand w/few gravel, no odor	9	100
		Total Depth = 60' due to field testing dilineation		
65				
70				
75				
80				
85				
90				
95				
100				

* *H.O. = Heavy Odor*
* *H.S. = Heavy Staining*
* *L.O. = Low Odor*
* *L.S. = Low Staining*

TETRA TECH

Borehole ID:
West Horizontal

Soil Drilling Log with Field Testing Results

Project Name : COG BKU Sat. G Battery
Project No. : 212C-MD-01711
Location : Eddy County, NM
Coordinates : 32.816250, -104.016071
Elevation : NA

Date : Wednesday, October 16, 2019
Sampler : Devin Dominguez
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
0		Brown silty sand, no odor	71	46.2
				44.6
		Light brown sand, no odor		
5			93.6	<1.0
		Brown/red sand, no odor		<1.0
10			170	<1.0
15				5.6
20			115	2.1
25				0.3
		Terminate @25'		
30				
35				
40				
45				
50				

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
50				
55				
60				
65				
70				
75				
80				
85				
90				
95				
100				

* *H.O. = Heavy Odor*
* *H.S. = Heavy Staining*
* *L.O. = Low Odor*
* *L.S. = Low Staining*

TETRA TECH

Borehole ID:
West 1 Horizontal

Soil Drilling Log with Field Testing Results

Project Name : COG BKU Sat. G Battery
Project No. : 212C-MD-01711
Location : Eddy County, NM
Coordinates : 32.816234, -104.016013
Elevation : NA

Date : Wednesday, October 16, 2019
Sampler : Devin Dominguez
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
0		Brown silty sand, no odor	62.1	8.5
				11.4
		Tan brown sand, no odor	59.7	2.2
5				1.1
		Brown sand, no odor		
			103	1.2
10		Brown/red sand, no odor		
				0.4
15		Brown/red sand, light odor		
			157	4.5
20		Brown/red sand, no odor		
				0.9
25		Terminate bore @25'		
30				
35				
40				
45				
50				

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
50				
55				
60				
65				
70				
75				
80				
85				
90				
95				
100				

* *H.O. = Heavy Odor*
* *H.S. = Heavy Staining*
* *L.O. = Low Odor*
* *L.S. = Low Staining*

TETRA TECH

Borehole ID:
West 2 Horizontal

Soil Drilling Log with Field Testing Results

Project Name : COG BKU Sat. G Battery
Project No. : 212C-MD-01711
Location : Eddy County, NM
Coordinates : 32.816225, -104.015967
Elevation : NA

Date : Wednesday, October 16, 2019
Sampler : Devin Dominguez
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
0		Brown silty sand, no odor	57.1	1.1
		Tan brown sand, no odor		1.8
			86.4	1.0
5		Brown sand, no odor		1.3
		Brown sand, no odor		
				0.8
10		Brown/red sand, no odor		
			2.57ppt	609
15				
				39.1
20		Red/brown sand, light odor		
			1.17ppt	11.7
25				
				5.9
30				
			287	8.5
35				
				12.2
40		Red brown sand, moderate odor		
			479	23.2
45				
50				37.8

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
50		Red brown sand, moderate odor		
55				
60		Red brown sand, no odor		49.7
65				
70				3.1
75				
80				4.3
		Terminate bore @80'		
85				
90				
95				
100				

* *H.O. = Heavy Odor*
* *H.S. = Heavy Staining*
* *L.O. = Low Odor*
* *L.S. = Low Staining*

TETRA TECH

Borehole ID:
South Horizontal

Soil Drilling Log with Field Testing Results

Project Name : COG BKU Sat. G Battery
Project No. : 212C-MD-01711
Location : Eddy County, NM
Coordinates : 32.816144, -104.015873
Elevation : NA

Date : Wednesday, October 16, 2019
Sampler : Devin Dominguez
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
0		Brown silty sand, no odor	75.8	3.1
				2.6
		Light brown sand, no odor	62.7	0.7
5				2.3
		Brown sand, no odor		
10			72.3	1.1
15				1.9
20			71.6	1.1
25			86.4	0.8
		Terminate bore @25		
30				
35				
40				
45				
50				

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
50				
55				
60				
65				
70				
75				
80				
85				
90				
95				
100				

* *H.O. = Heavy Odor*
* *H.S. = Heavy Staining*
* *L.O. = Low Odor*
* *L.S. = Low Staining*

TETRA TECH

Borehole ID:
South 1 Horizontal

Soil Drilling Log with Field Testing Results

Project Name : COG BKU Sat. G Battery
Project No. : 212C-MD-01711
Location : Eddy County, NM
Coordinates : 32.816187, -104.015875
Elevation : NA

Date : Wednesday, October 16, 2019
Sampler : Devin Dominguez
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
0		Brown silty sand, no odor	56.7	0.8
				1.3
		Light brown sand, no odor	71.3	1.7
5		Brown sand, no odor		4.6
			107.6	3.1
10		Brown sand, high odor	3.67ppt	298
15			3.14ppt	76.7
20		Brown/red sand, light odor		30.6
25			1.16ppt	12
30		Brown/red sand, little/no odor		1.2
35				
40			9.87ppt	2.7
		Terminate bore @40'		
45				
50				

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
50				
55				
60				
65				
70				
75				
80				
85				
90				
95				
100				

* *H.O. = Heavy Odor*
* *H.S. = Heavy Staining*
* *L.O. = Low Odor*
* *L.S. = Low Staining*

TETRA TECH

Borehole ID:
East Horizontal

Soil Drilling Log with Field Testing Results

Project Name : COG BKU Sat. G Battery
Project No. : 212C-MD-01711
Location : Eddy County, NM
Coordinates : 32.816300, -104.015678
Elevation : NA

Date : Wednesday, October 16, 2019
Sampler : Devin Dominguez
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
0		Brown sand, no odor	76.1	2.6
		Brown sand, light odor		15.5
		▼		
		Tan sand, no odor	103	2.5
5		▼		
		Brown sand, no odor		1.9
			115	1.1
10				
				0.5
15				
		▼	89.7	0.7
20		Terminate bore @20'		
25				
30				
35				
40				
45				
50				

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
50				
55				
60				
65				
70				
75				
80				
85				
90				
95				
100				

* *H.O. = Heavy Odor*
* *H.S. = Heavy Staining*
* *L.O. = Low Odor*
* *L.S. = Low Staining*

TETRA TECH

Borehole ID:
North Horizontal

Soil Drilling Log with Field Testing Results

Project Name : COG BKU Sat. G Battery
Project No. : 212C-MD-01711
Location : Eddy County, NM
Coordinates : 32.816397, -104.015929
Elevation : NA

Date : Wednesday, October 16, 2019
Sampler : Devin Dominguez
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
0		Brown sand, no odor	59.6	0.2
		Tan sand, no odor		0.4
5		Brown sand, no odor	103	0.9
				0.4
10			101	0.7
15		Red brown sand, no odor		0.1
20			114	0.2
25		Terminate @25'		1.1
30				
35				
40				
45				
50				

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
50				
55				
60				
65				
70				
75				
80				
85				
90				
95				
100				

* *H.O. = Heavy Odor*
* *H.S. = Heavy Staining*
* *L.O. = Low Odor*
* *L.S. = Low Staining*

TETRA TECH

Borehole ID:
North 1 Horizontal

Soil Drilling Log with Field Testing Results

Project Name : COG BKU Sat. G Battery
Project No. : 212C-MD-01711
Location : Eddy County, NM
Coordinates : 32.816342, -104.015928
Elevation : NA

Date : Wednesday, October 16, 2019
Sampler : Devin Dominguez
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
0		Brown sand, no odor	59.7	0.1
				0.3
		Tan brown sand, no odor		
5			106	0.1
				0.1
		Brown sand, no odor		
10			110	0.3
		Red brown sand, no odor		
15				0.7
20		Red brown sand, high odor	1.46ppt	81.9
25				351
30			2.11ppt	602
35				911
40			2.87ppt	552
45				996
50			2.16ppt	947

Depth (ft.)	WL	Soil Description	Organic Analyzer (ppm)	Chloride Field Test (ppm)
50		Red brown sand, high odor		
55				
60				73.4
65				
70				57.4
75				
80		Red brown sand, light odor		11.1
85				
90				15.1
		Terminate bore @90'		
95				
100				

* H.O. = Heavy Odor
* H.S. = Heavy Staining
* L.O. = Low Odor
* L.S. = Low Staining

APPENDIX F

FIELD NOTES

Received by OCD: 9/9/2024 2:12:16 PM

10/23/2019 — Concho BKU Satellite 6 Sunny ~70-80°F
Artesia, NM

8:45 Arrived on-site
9:05 Met with Ike Tavarez with Concho and did site reconnaissance
10:00 Completed JSEA and had safety tailgate meeting
10:30 Began setting rig up on SVE-1 (Deep well)
10:40 Begin Drilling
11:10 Begin Sampling & Placing on ice & screening w/ PID.
13:20 Break for Lunch
14:20 Resume Drilling/sampling at SVE-1 (Deep well)
15:30 Obtained final Sample at 100ft.
15:45 Began reaming out borehole for preparation to set SVE well.
17:00 Begin Setting well. (4")
50ft. of screen and 55ft. of Riser.
17:22 Begin pouring Sand (8/16)
Used 45 bags to 48ft. bgs
17:35 Begin pouring bentonite (13 bags) to 2 ft. bgs.

10/23/19 (continued) — Concho BKU Satellite 6 Artesia, NM

18:00 Begin setting up on SVE-5 (~~Shallow well~~) (Borehole)
18:14 Begin Drilling / Sampling
Samples placed on ice immediately after taken.
19:50 Final Sample taken at 50ft.
No Odor in any Sample,
Highest PID reading was 0.2.
20:00 Boring was Plugged and Abandoned with Bentonite
20 bags.
21:30 Departed Site

END

Released to Imaging: 1/10/2025 10:56:20 AM

Received by OCD: 9/9/2024 2:12:16 PM

10/24/2019 | Concho BKU Satellite G | Cloudy
Artesia, NM | ~40° F

8:15 Arrived on-site.
8:30 Safety Meeting
9:00 Set up Rig on SVE-2 (Shallow)
9:20 Begin Drilling SVE-2 (Deep)
11:00 Reached TD @ ~16ft.
11:10 Set Soft of Screen and 5ft. of Riser.
11:20 Set Sand (8/16) to 4ft. bgs (29 bags.
11:35 Placed Bentonite Hole Plug to 2 ft. bgs. (15)
12:00 Departed site for Lunch & to get Supplies
13:30 Repacked Sample Cooler with Fresh ice. Filled out Chain of Custody, Packed cooler with Chain and Put Custody seals on.
14:45 Arrived on-site. Beginning to lightly rain/sleet.
15:00 Set up Rig on SVE-3 (shallow)
15:15 Begin drilling.
15:55 Finished Drilling, TD @ 52ft.
16:05 Begin Setting Well Screen Set to ~~5ft. bgs.~~ 7ft

10/24/2019 (continued) Concho BKU Satellite G Artesia, NM

16:40 Begin placing Sand. Sand Set to 5ft bgs. (23 bags)
16:20 Begin Placing Hole plug bentonite. Bentonite set to 2ft. bgs (2 bags)
16:30 Set up on SVE-4 (shallow) and begin drilling. Sheet/Tight rock Lens Stopped.
16:55 Boring Terminated @ 52ft. bgs.
17:00 Set Screen and riser down hole. Boring Collapsed to 47ft.
17:20 Reamed out hole to 53ft and attempted to set riser & Screen. Hole Collapsed to 48ft.
17:30 Begin Setting well at 48ft. Screen placed from 48-8ft bgs. Sand placed to 5.5ft. bgs. (20 bags) Hole Plug bentonite Placed to 2ft. bgs. (2 bags)
19:00 Cleaned up trash & loaded Supplies.
18:45 Departed Site

END

Released to Imaging: 1/10/2025 10:56:20 AM

Received by OCD: 9/9/2024 2:12:16 PM

10/25 Conoco BKU Satellite G — 32-36F
Artesia, NM

8:15 Arrived on-site
8:30 Site Safety Meeting
8:45 Begin Constructing Surface Completions. Concrete Placed from 2ft bgs to Surface. Pads are 3'x3'x4"
10:30 Finished Completions. Wrote Well Names and approximate Depths inside Well Protector Lids.
11:00 Departed Site

END

Released to Imaging: 1/10/2025 10:56:20 AM

Page 674 of 733

MDPE FIELD NOTES

Site Name: COG BKU Satellite G				Event #:	
Location: Loco Hills NM				Arrive at site: 0800	
Date: 10-29-19					
Job#: 700778.140.02		SRS:		Start Vac: 0900	10-29
Phase:		Unit:	1107	Stop Vac: 0900	10-31
Onsite Personnel: B Huntington E Bridges				Leave Site: 0930	(10-31)

GAUGING DATA

WELL#	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
SVE 1							100 ft
SVE 2							100 ft
SVE 3							50 ft
SVE 4							50 ft
SVE FLU	1	CGE	10-29	1000	FID		>50K
	2		10-29	1500	FID		>50K
	3		10-29	2000	FID		>50K
	4		10-29	2200	FID		>50K
	5		10-30	0300	FID		>50K
	6		10-30	0800	FID		>50K
WASTE:	H2O:			PSH:			TOTAL (GAL):

Sample Name		Analysis	Date:	Time:	Comments:
INFLUENT	2	CGE	10-30	1000	FID= >50K
INFLUENT	3	CGE	10-30	2100	FID= >50K
INFLUENT	4	CGE	10-31	0800	FID= >50K
EFFLUENT	1	CGE	10-30	2100	FID= >50K

Notes:

Received by OCD: 9/9/2024 2:12:16 PM

Released to Imaging: 1/10/2025 10:56:20 AM

Released to Imaging: 1/10/2025 10:56:20 AM

700778. 140.02

1107

Start Date 10-29-19

1602 (12 HR 140') (12 HR 50')

TIME	SAMPLE TAKEN	Well Flow: Inflent temp. (°f)	Well Flow: Diff. Pressure (INH20) 2" Preso	Well Flow: Vac (In Hg)	FID Composite (PPM)	Propane Tank (%-size)	EXHAUST TEMP F	Well Data 100': SVE-1 VAC (INH2O)	SVE-2 VAC (INH2O)	SVE 3 VAC (INH2O)	SVE 4 VAC (INH2O)	COMMENTS VAC (INH2O)
0900												
1000	X	38	116.5	9.0	>50K		1450	16.3	Ø	Ø		
1100		46	112.6	9.0	>50K		1439	15.9	3.6	1.4		
1200		50	114.3	9.0	>50K		1432	16.5	3.5	1.4		
1300		58	124.8	9.0	>50K		1431	16.2	3.3	1.4		
1400		62	125.9	9.0	>50K		1483	16.1	3.1	1.1		
1500	X-2	66	127.3	9.0	>50K		1435	16.0	3.0	.9		
1600		70	128.1	9.0	>50K		1435	15.9	2.9	.7		
1700		68	126.9	9.0	>50K		1431	16.4	3.3	1.2		
1800		62	127.3	9.0	>50K		1429	15.7	3.1	1.0		
1900		57	126.8	9.0	>50K		1434	16.3	2.8	1.4		
2000	X-3	52	127.0	9.0	>50K		1431	16.6	3.2	1.1		
2100		50	126.9	9.0	>50K		1437	15.9	3.0	1.2		
2200	X-4	50	118.3	10.0	>50K		1437		2.6	3.3	31.7	
2300		50	111.4	10.0	>50K		1438		2.4	3.1	31.6	
2400		50	113.4	10.0	>50K		1437		3.0	3.2	32.0	
0100		50	112.9	10.0	>50K		1435		2.4	3.0	32.4	
0200		46	113.3	10.0	>50K		1440		2.8	3.4	32.1	
0300	X-5	44	113.1	10.0	>50K		1438		3.0	3.1	32.5	
0400		44	113.5	10.0	>50K		1444		3.1	3.1	32.2	
0500		44	113.1	10.0	>50K		1440		2.8	3.2	32.4	
0600		42	115.0	10.0	>50K		1437		2.9	3.1	32.6	
0700		42	115.5	10.0	>50K		1459		2.8	3.1	32.5	
0800	X-6	42	113.8	10.0	>50K		1441		2.9	3.3	32.4	
0900		42	114.1	10.0	>50K		1439		3.0	3.4	32.5	

Session 1

Session 2

Soil Vacuum Influence

Observation Well
Extraction Well (EW)
Distance (ft) to EW
Time:

Received by OCD: 9/9/2024 2:12:16 PM

Released to Imaging: 1/10/2025 10:56:20 AM

700778.140.02

1107

Start Date 10-30-19 (24 HR All wells)

TIME	SAMPLE TAKEN	Well Flow: Inflent temp. (°f)	Well Flow: Diff. Pressure (INH2O) 2" Preso	Well Flow: Vac (In Hg)	FID Composite (PPM)	Propane Tank (%-size)	EXHAUST TEMP F	Well Data: COMMENTS	SVE1 VAC (INH2O)	SVE2 VAC (INH2O)	SVE3 VAC (INH2O)	SVE4 VAC (INH2O)	VAC (INH2O)
0900													
1000	X-7	44	164.2	4	250K		1417		11.8	14.5	16.6	15.9	
1100		44	164.7	4	250K		1422		12.1	14.0	16.2	16.2	
1200		48	163.0	4	250K		1430		12.4	14.7	16.4	15.7	
1300		50	163.2	4	250K		1428		12.2	14.3	16.1	16.3	
1400		50	163.5	4	250K		1434		12.5	14.9	16.7	16.0	
1500		52	163.4	4	250K		1432		11.4	14.2	15.9	15.4	
1600		52	162.7	4	250K		1427		11.9	14.6	16.8	15.7	
1700		52	161.9	4	250K		1433		11.6	14.2	16.4	15.0	
1800		56	161.2	4	250K		1430		12.0	14.8	16.7	15.5	
1900		52	160.5	4	250K		1429		12.1	15.3	17.0	15.3	
2000		46	161.3	4	250K		1431		12.0	15.0	17.4	15.7	
2100	X-8	44	160.9	4	250K		1428		12.3	15.4	17.2	15.6	
2200		44	160.7	4	250K		1427		12.0	15.2	16.7	15.9	
2300		40	161.3	4	250K		1429		12.1	15.1	16.9	15.5	
0000		40	160.2	4	250K		1430		12.6	14.9	16.2	15.4	
0100		40	160.5	4	250K		1426		12.4	15.3	16.5	15.1	
0200		38	161.3	4	250K		1429		12.9	15.2	16.8	15.0	
0300		32	160.9	4	250K		1427		12.7	15.4	16.9	15.4	
0400		32	161.2	4	250K		1430		12.3	15.7	16.1	15.5	
0500		32	161.4	4	250K		1424		12.5	15.6	16.6	15.2	
0600		28	161.7	4	250K		1429		12.1	15.9	16.7	15.9	
0700		28	161.8	4	250K		1431		12.7	15.3	16.8	15.0	
0800	X-9	28	161.2	4	250K		1422		12.4	15.2	16.1	15.4	
0900		30	161.3	4	250K		1429		12.2	15.5	16.3	15.6	

Soil Vacuum Influence

Observation Well
Extraction Well (EW)
Distance (ft) to EW
Time:

Received by OCD: 9/9/2024 2:12:16 PM

APPENDIX G

SOIL LABORATORY ANALYTICAL REPORT

Analytical Report 641222

for

Talon/LPE

Project Manager: Jason Shubert

Concho BKU, Artesia, NM

700778.140.01

04-NOV-19

Collected By: Client

4147 Greenbriar Dr.
Stafford, TX 77477

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142), North Carolina (681)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

Table of Contents

Cover Page	1
Cover Letter	3
Sample ID Cross Reference	4
Case Narrative	5
Certificate of Analysis (Detailed Report)	6
Explanation of Qualifiers (Flags)	27
SURR_QC_V62	28
LCS / LCSD Recoveries	32
MS / MSD Recoveries	34
Chain of Custody	36
Sample Receipt Conformance Report	39

Released to Imaging: 1/10/2025 10:56:20 AM

04-NOV-19

Project Manager: **Jason Shubert**
Talon/LPE
921 N. Bivins
Amarillo, TX 79107

Reference: XENCO Report No(s): **641222**
Concho BKU, Artesia, NM
Project Address:

Jason Shubert:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 641222. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 641222 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Kramer

Jessica Kramer
Project Assistant

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America

Sample Cross Reference 641222

Talon/LPE, Amarillo, TX

Concho BKU, Artesia, NM

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SVE-1-5'	S	10-23-19 11:10	5 ft	641222-001
SVE-1-10'	S	10-23-19 11:15	10 ft	641222-002
SVE-1-15'	S	10-23-19 11:23	15 ft	641222-003
SVE-1-20'	S	10-23-19 11:30	20 ft	641222-004
SVE-1-30'	S	10-23-19 11:42	30 ft	641222-005
SVE-1-40'	S	10-23-19 11:58	40 ft	641222-006
SVE-1-50'	S	10-23-19 12:12	50 ft	641222-007
SVE-1-60'	S	10-23-19 12:28	60 ft	641222-008
SVE-1-70'	S	10-23-19 12:53	70 ft	641222-009
SVE-1-80'	S	10-23-19 13:10	80 ft	641222-010
SVE-1-90'	S	10-23-19 15:05	90 ft	641222-011
SVE-1-100'	S	10-23-19 15:30	100 ft	641222-012
SVE-5-5'	S	10-23-19 18:14	5 ft	641222-013
SVE-5-10'	S	10-23-19 18:20	10 ft	641222-014
SVE-5-15'	S	10-23-19 18:30	15 ft	641222-015
SVE-5-20'	S	10-23-19 18:40	20 ft	641222-016
SVE-5-30'	S	10-23-19 19:00	30 ft	641222-017
SVE-5-40'	S	10-23-19 19:25	40 ft	641222-018
SVE-5-50'	S	10-23-19 19:50	50 ft	641222-019

Version: 1.%

CASE NARRATIVE

Client Name: Talon/LPE

Project Name: Concho BKU, Artesia, NM

Project ID:	*700778.140.01*	Report Date:	*04-NOV-19*
Work Order Number(s):	*641222*	Date Received:	*10/28/2019*

This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory.

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3106126 BTEX by SW 8260C
SW8260CBTEX
Batch 3106126,
Lab Sample ID 641222-005 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Ethylbenzene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 641222-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019.
The Laboratory Control Sample for Ethylbenzene is within laboratory Control Limits, therefore the data was accepted.
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3106169 BTEX by SW 8260C
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3106206 TPH by SW8015 Mod
Surrogate o-Terphenyl recovered above QC limits. Matrix interferences is suspected.
Samples affected are: 641222-007,641222-004,641222-008,641222-009,641222-010,641222-003,641222-002,641222-005.

Certificate of Analytical Results
641222
Talon/LPE, Amarillo, TX
Concho BKU, Artesia, NM

Sample Id: **SVE-1-5'** Matrix: Soil Sample Depth: 5 ft

Lab Sample Id: 641222-001 Date Collected: 10.23.19 11.10 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.09

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**502**	99.2	19.8	mg/kg	10.31.19 19:18		2
Diesel Range Organics (DRO)	C10C28DRO	**5590**	99.2	19.8	mg/kg	10.31.19 19:18		2
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**811**	99.2	19.8	mg/kg	10.31.19 19:18		2
Total TPH	PHC635	**6900**		19.8	mg/kg	10.31.19 19:18		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	74	70 - 135	%		
o-Terphenyl	107	70 - 135	%		

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106169 Date Prep: 11.01.19 10.50

Prep seq: 7689417

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**1.32**	0.0504	0.0104	mg/kg	11.01.19 13:49		50
Toluene	108-88-3	**0.876**	0.252	0.0504	mg/kg	11.01.19 13:49		50
Ethylbenzene	100-41-4	**0.153**	0.0504	0.0169	mg/kg	11.01.19 13:49		50
m,p-Xylenes	179601-23-1	**2.54**	0.101	0.0220	mg/kg	11.01.19 13:49		50
o-Xylene	95-47-6	**4.14**	0.0504	0.0496	mg/kg	11.01.19 13:49		50
Total Xylenes	1330-20-7	**6.68**		0.0220	mg/kg	11.01.19 13:49		
Total BTEX		**9.03**		0.0104	mg/kg	11.01.19 13:49		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	94	53 - 142	%		
1,2-Dichloroethane-D4	96	53 - 150	%		
Toluene-D8	119	70 - 130	%		

Certificate of Analytical Results
641222
Talon/LPE, Amarillo, TX
Concho BKU, Artesia, NM

Sample Id: **SVE-1-10'** Matrix: Soil Sample Depth: 10 ft

Lab Sample Id: 641222-002 Date Collected: 10.23.19 11.15 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.12

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**6570**	248	49.5	mg/kg	10.31.19 19:36		5
Diesel Range Organics (DRO)	C10C28DRO	**13500**	248	49.5	mg/kg	10.31.19 19:36		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**1590**	248	49.5	mg/kg	10.31.19 19:36		5
Total TPH	PHC635	**21700**		49.5	mg/kg	10.31.19 19:36		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	122	70 - 135	%		
o-Terphenyl	191	70 - 135	%		**

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**66.2**	0.998	0.207	mg/kg	10.31.19 20:47		1000
Toluene	108-88-3	**171**	9.98	2.00	mg/kg	11.01.19 15:56	D	2000
Ethylbenzene	100-41-4	**133**	0.998	0.335	mg/kg	10.31.19 20:47		1000
m,p-Xylenes	179601-23-1	**117**	2.00	0.436	mg/kg	10.31.19 20:47		1000
o-Xylene	95-47-6	**52.5**	0.998	0.983	mg/kg	10.31.19 20:47		1000
Total Xylenes	1330-20-7	**170**		0.436	mg/kg	10.31.19 20:47		
Total BTEX		**540**		0.207	mg/kg	11.01.19 15:56		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	90	53 - 142	%		
1,2-Dichloroethane-D4	89	53 - 150	%		
Toluene-D8	113	70 - 130	%		

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Sample Id: **SVE-1-15'** Matrix: Soil Sample Depth: 15 ft

Lab Sample Id: 641222-003 Date Collected: 10.23.19 11.23 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.15

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**1630**	248	49.6	mg/kg	10.31.19 19:54		5
Diesel Range Organics (DRO)	C10C28DRO	**4800**	248	49.6	mg/kg	10.31.19 19:54		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**701**	248	49.6	mg/kg	10.31.19 19:54		5
Total TPH	PHC635	**7130**		49.6	mg/kg	10.31.19 19:54		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	99	70 - 135	%		
o-Terphenyl	166	70 - 135	%		**

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**5.65**	0.199	0.0411	mg/kg	10.31.19 18:19		200
Toluene	108-88-3	**25.8**	0.994	0.199	mg/kg	10.31.19 18:19		200
Ethylbenzene	100-41-4	**33.0**	0.497	0.167	mg/kg	11.01.19 14:10	D	500
m,p-Xylenes	179601-23-1	**31.8**	0.398	0.0868	mg/kg	10.31.19 18:19		200
o-Xylene	95-47-6	**13.1**	0.199	0.196	mg/kg	10.31.19 18:19		200
Total Xylenes	1330-20-7	**44.9**		0.0868	mg/kg	10.31.19 18:19		
Total BTEX		**109**		0.0411	mg/kg	11.01.19 14:10		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	87	53 - 142	%		
1,2-Dichloroethane-D4	90	53 - 150	%		
Toluene-D8	117	70 - 130	%		

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Sample Id: **SVE-1-20'** Matrix: Soil Sample Depth: 20 ft

Lab Sample Id: 641222-004 Date Collected: 10.23.19 11.30 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.18

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**3050**	49.9	9.97	mg/kg	10.31.19 20:12		1
Diesel Range Organics (DRO)	C10C28DRO	**5060**	99.7	19.9	mg/kg	11.01.19 12:19	D	2
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**536**	49.9	9.97	mg/kg	10.31.19 20:12		1
Total TPH	PHC635	**8650**		9.97	mg/kg	11.01.19 12:19		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	96	70 - 135	%		
o-Terphenyl	166	70 - 135	%		**

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**33.9**	0.502	0.104	mg/kg	10.31.19 19:02		500
Toluene	108-88-3	**78.3**	5.02	1.00	mg/kg	11.01.19 14:31	D	1000
Ethylbenzene	100-41-4	**74.2**	0.502	0.169	mg/kg	10.31.19 19:02		500
m,p-Xylenes	179601-23-1	**60.8**	1.00	0.219	mg/kg	10.31.19 19:02		500
o-Xylene	95-47-6	**27.2**	0.502	0.494	mg/kg	10.31.19 19:02		500
Total Xylenes	1330-20-7	**88.0**		0.219	mg/kg	10.31.19 19:02		
Total BTEX		**274**		0.104	mg/kg	11.01.19 14:31		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	89	53 - 142	%		
1,2-Dichloroethane-D4	92	53 - 150	%		
Toluene-D8	114	70 - 130	%		

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Sample Id: **SVE-1-30'** Matrix: Soil Sample Depth: 30 ft

Lab Sample Id: 641222-005 Date Collected: 10.23.19 11.42 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.27

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**769**	49.5	9.90	mg/kg	10.31.19 21:06		1
Diesel Range Organics (DRO)	C10C28DRO	**4040**	49.5	9.90	mg/kg	10.31.19 21:06		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**431**	49.5	9.90	mg/kg	10.31.19 21:06		1
Total TPH	PHC635	**5240**		9.90	mg/kg	10.31.19 21:06		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	91	70 - 135	%		
o-Terphenyl	149	70 - 135	%		**

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**4.31**	0.101	0.0209	mg/kg	10.31.19 13:45		100
Toluene	108-88-3	**14.9**	0.505	0.101	mg/kg	10.31.19 13:45		100
Ethylbenzene	100-41-4	**20.4**	0.202	0.0678	mg/kg	10.31.19 18:41	DX	200
m,p-Xylenes	179601-23-1	**19.7**	0.202	0.0441	mg/kg	10.31.19 13:45		100
o-Xylene	95-47-6	**7.58**	0.101	0.0995	mg/kg	10.31.19 13:45		100
Total Xylenes	1330-20-7	**27.3**		0.0441	mg/kg	10.31.19 13:45		
Total BTEX		**66.9**		0.0209	mg/kg	10.31.19 18:41		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	92	53 - 142	%		
1,2-Dichloroethane-D4	90	53 - 150	%		
Toluene-D8	116	70 - 130	%		

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Sample Id: **SVE-1-40'** Matrix: Soil Sample Depth: 40 ft

Lab Sample Id: 641222-006 Date Collected: 10.23.19 11.58 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.30

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**3500**	49.9	9.98	mg/kg	10.31.19 21:43		1
Diesel Range Organics (DRO)	C10C28DRO	**6240**	99.8	20.0	mg/kg	11.01.19 12:56	D	2
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**555**	49.9	9.98	mg/kg	10.31.19 21:43		1
Total TPH	PHC635	**10300**		9.98	mg/kg	11.01.19 12:56		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	97	70 - 135	%		
o-Terphenyl	130	70 - 135	%		

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**26.3**	0.990	0.205	mg/kg	10.31.19 21:08		1000
Toluene	108-88-3	**130**	4.95	0.990	mg/kg	10.31.19 21:08		1000
Ethylbenzene	100-41-4	**72.8**	0.990	0.332	mg/kg	10.31.19 21:08		1000
m,p-Xylenes	179601-23-1	**60.9**	1.98	0.432	mg/kg	10.31.19 21:08		1000
o-Xylene	95-47-6	**26.9**	0.990	0.975	mg/kg	10.31.19 21:08		1000
Total Xylenes	1330-20-7	**87.8**		0.432	mg/kg	10.31.19 21:08		
Total BTEX		**317**		0.205	mg/kg	10.31.19 21:08		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	90	53 - 142	%		
1,2-Dichloroethane-D4	89	53 - 150	%		
Toluene-D8	107	70 - 130	%		

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Sample Id: **SVE-1-50'** Matrix: Soil Sample Depth: 50 ft

Lab Sample Id: 641222-007 Date Collected: 10.23.19 12.12 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.33

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**2600**	49.5	9.90	mg/kg	10.31.19 22:01		1
Diesel Range Organics (DRO)	C10C28DRO	**5220**	99.0	19.8	mg/kg	11.01.19 13:14	D	2
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**474**	49.5	9.90	mg/kg	10.31.19 22:01		1
Total TPH	PHC635	**8290**		9.90	mg/kg	11.01.19 13:14		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	91	70 - 135	%		
o-Terphenyl	154	70 - 135	%		**

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**23.0**	0.499	0.103	mg/kg	10.31.19 19:23		500
Toluene	108-88-3	**113**	4.99	0.998	mg/kg	11.01.19 14:52	D	1000
Ethylbenzene	100-41-4	**58.6**	0.499	0.168	mg/kg	10.31.19 19:23		500
m,p-Xylenes	179601-23-1	**49.7**	0.998	0.218	mg/kg	10.31.19 19:23		500
o-Xylene	95-47-6	**21.7**	0.499	0.492	mg/kg	10.31.19 19:23		500
Total Xylenes	1330-20-7	**71.4**		0.218	mg/kg	10.31.19 19:23		
Total BTEX		**266**		0.103	mg/kg	11.01.19 14:52		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	89	53 - 142	%		
1,2-Dichloroethane-D4	90	53 - 150	%		
Toluene-D8	108	70 - 130	%		

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Sample Id: **SVE-1-60'** Matrix: Soil Sample Depth: 60 ft

Lab Sample Id: 641222-008 Date Collected: 10.23.19 12.28 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.36

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**2070**	49.6	9.92	mg/kg	10.31.19 22:19		1
Diesel Range Organics (DRO)	C10C28DRO	**4670**	49.6	9.92	mg/kg	10.31.19 22:19		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**450**	49.6	9.92	mg/kg	10.31.19 22:19		1
Total TPH	PHC635	**7190**		9.92	mg/kg	10.31.19 22:19		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	92	70 - 135	%		
o-Terphenyl	148	70 - 135	%		**

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**12.8**	0.496	0.103	mg/kg	10.31.19 19:44		500
Toluene	108-88-3	**72.2**	4.96	0.992	mg/kg	11.01.19 15:13	D	1000
Ethylbenzene	100-41-4	**52.2**	0.496	0.167	mg/kg	10.31.19 19:44		500
m,p-Xylenes	179601-23-1	**45.6**	0.992	0.217	mg/kg	10.31.19 19:44		500
o-Xylene	95-47-6	**20.5**	0.496	0.489	mg/kg	10.31.19 19:44		500
Total Xylenes	1330-20-7	**66.1**		0.217	mg/kg	10.31.19 19:44		
Total BTEX		**203**		0.103	mg/kg	11.01.19 15:13		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	87	53 - 142	%		
1,2-Dichloroethane-D4	87	53 - 150	%		
Toluene-D8	111	70 - 130	%		

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Sample Id: **SVE-1-70'** Matrix: Soil Sample Depth: 70 ft

Lab Sample Id: 641222-009 Date Collected: 10.23.19 12.53 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.39

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**2090**	49.5	9.89	mg/kg	10.31.19 22:37		1
Diesel Range Organics (DRO)	C10C28DRO	**5700**	98.9	19.8	mg/kg	11.01.19 12:56	D	2
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**485**	49.5	9.89	mg/kg	10.31.19 22:37		1
Total TPH	PHC635	**8280**		9.89	mg/kg	11.01.19 12:56		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	91	70 - 135	%		
o-Terphenyl	164	70 - 135	%		**

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**16.5**	0.503	0.104	mg/kg	10.31.19 20:05		500
Toluene	108-88-3	**96.1**	5.03	1.01	mg/kg	11.01.19 15:34	D	1000
Ethylbenzene	100-41-4	**69.7**	0.503	0.169	mg/kg	10.31.19 20:05		500
m,p-Xylenes	179601-23-1	**60.3**	1.01	0.220	mg/kg	10.31.19 20:05		500
o-Xylene	95-47-6	**27.3**	0.503	0.495	mg/kg	10.31.19 20:05		500
Total Xylenes	1330-20-7	**87.6**		0.220	mg/kg	10.31.19 20:05		
Total BTEX		**270**		0.104	mg/kg	11.01.19 15:34		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	88	53 - 142	%		
1,2-Dichloroethane-D4	84	53 - 150	%		
Toluene-D8	113	70 - 130	%		

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Sample Id: **SVE-1-80'** Matrix: Soil Sample Depth: 80 ft

Lab Sample Id: 641222-010 Date Collected: 10.23.19 13.10 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.42

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**1750**	50.0	9.99	mg/kg	10.31.19 22:55		1
Diesel Range Organics (DRO)	C10C28DRO	**5780**	99.9	20.0	mg/kg	11.01.19 13:14	D	2
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**526**	50.0	9.99	mg/kg	10.31.19 22:55		1
Total TPH	PHC635	**8060**		9.99	mg/kg	11.01.19 13:14		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	90	70 - 135	%		
o-Terphenyl	167	70 - 135	%		**

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**9.55**	0.504	0.104	mg/kg	10.31.19 20:26		500
Toluene	108-88-3	**64.0**	2.52	0.504	mg/kg	10.31.19 20:26		500
Ethylbenzene	100-41-4	**48.0**	0.504	0.169	mg/kg	10.31.19 20:26		500
m,p-Xylenes	179601-23-1	**41.4**	1.01	0.220	mg/kg	10.31.19 20:26		500
o-Xylene	95-47-6	**19.4**	0.504	0.496	mg/kg	10.31.19 20:26		500
Total Xylenes	1330-20-7	**60.8**		0.220	mg/kg	10.31.19 20:26		
Total BTEX		**182**		0.104	mg/kg	10.31.19 20:26		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	89	53 - 142	%		
1,2-Dichloroethane-D4	84	53 - 150	%		
Toluene-D8	110	70 - 130	%		

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Sample Id: **SVE-1-90'** Matrix: Soil Sample Depth: 90 ft

Lab Sample Id: 641222-011 Date Collected: 10.23.19 15.05 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.45

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**9.98**	49.9	9.98	mg/kg	11.01.19 10:30	J	1
Diesel Range Organics (DRO)	C10C28DRO	**15.2**	49.9	9.98	mg/kg	11.01.19 10:30	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<9.98	49.9	9.98	mg/kg	11.01.19 10:30	U	1
Total TPH	PHC635	**25.2**		9.98	mg/kg	11.01.19 10:30	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	80	70 - 135	%		
o-Terphenyl	101	70 - 135	%		

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000208	0.00101	0.000208	mg/kg	10.31.19 17:37	U	1
Toluene	108-88-3	<0.00101	0.00503	0.00101	mg/kg	10.31.19 17:37	U	1
Ethylbenzene	100-41-4	<0.000338	0.00101	0.000338	mg/kg	10.31.19 17:37	U	1
m,p-Xylenes	179601-23-1	<0.000439	0.00201	0.000439	mg/kg	10.31.19 17:37	U	1
o-Xylene	95-47-6	<0.000991	0.00101	0.000991	mg/kg	10.31.19 17:37	U	1
Total Xylenes	1330-20-7	<0.000439		0.000439	mg/kg	10.31.19 17:37	U	
Total BTEX		<0.000208		0.000208	mg/kg	10.31.19 17:37	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	98	53 - 142	%		
1,2-Dichloroethane-D4	104	53 - 150	%		
Toluene-D8	100	70 - 130	%		

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Sample Id: **SVE-1-100'** Matrix: Soil Sample Depth: 100 ft

Lab Sample Id: 641222-012 Date Collected: 10.23.19 15.30 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.48

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**23.5**	49.6	9.91	mg/kg	10.31.19 19:54	J	1
Diesel Range Organics (DRO)	C10C28DRO	**277**	49.6	9.91	mg/kg	10.31.19 19:54		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**39.8**	49.6	9.91	mg/kg	10.31.19 19:54	J	1
Total TPH	PHC635	**340**		9.91	mg/kg	10.31.19 19:54		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	91	70 - 135	%		
o-Terphenyl	94	70 - 135	%		

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**0.000439**	0.000998	0.000207	mg/kg	10.31.19 14:48	J	1
Toluene	108-88-3	**0.00605**	0.00499	0.000998	mg/kg	10.31.19 14:48		1
Ethylbenzene	100-41-4	**0.0380**	0.000998	0.000335	mg/kg	10.31.19 14:48		1
m,p-Xylenes	179601-23-1	**0.0459**	0.00200	0.000436	mg/kg	10.31.19 14:48		1
o-Xylene	95-47-6	**0.0299**	0.000998	0.000983	mg/kg	10.31.19 14:48		1
Total Xylenes	1330-20-7	**0.0758**		0.000436	mg/kg	10.31.19 14:48		
Total BTEX		**0.120**		0.000207	mg/kg	10.31.19 14:48		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	87	53 - 142	%		
1,2-Dichloroethane-D4	99	53 - 150	%		
Toluene-D8	104	70 - 130	%		

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641222
Talon/LPE, Amarillo, TX
Concho BKU, Artesia, NM

Sample Id: **SVE-5-5'** Matrix: Soil Sample Depth: 5 ft

Lab Sample Id: 641222-013 Date Collected: 10.23.19 18.14 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.51

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<9.92	49.6	9.92	mg/kg	10.31.19 20:12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<9.92	49.6	9.92	mg/kg	10.31.19 20:12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<9.92	49.6	9.92	mg/kg	10.31.19 20:12	U	1
Total TPH	PHC635	<9.92		9.92	mg/kg	10.31.19 20:12	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	91	70 - 135	%		
o-Terphenyl	90	70 - 135	%		

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**0.0122**	0.00100	0.000207	mg/kg	10.31.19 15:09		1
Toluene	108-88-3	**0.00481**	0.00501	0.00100	mg/kg	10.31.19 15:09	J	1
Ethylbenzene	100-41-4	**0.000461**	0.00100	0.000336	mg/kg	10.31.19 15:09	J	1
m,p-Xylenes	179601-23-1	<0.000438	0.00200	0.000438	mg/kg	10.31.19 15:09	U	1
o-Xylene	95-47-6	<0.000987	0.00100	0.000987	mg/kg	10.31.19 15:09	U	1
Total Xylenes	1330-20-7	<0.000438		0.000438	mg/kg	10.31.19 15:09	U	
Total BTEX		**0.0175**		0.000207	mg/kg	10.31.19 15:09		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	99	53 - 142	%		
1,2-Dichloroethane-D4	98	53 - 150	%		
Toluene-D8	98	70 - 130	%		

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Sample Id: **SVE-5-10'** Matrix: Soil Sample Depth: 10 ft

Lab Sample Id: 641222-014 Date Collected: 10.23.19 18.20 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.54

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<9.99	50.0	9.99	mg/kg	10.31.19 20:30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<9.99	50.0	9.99	mg/kg	10.31.19 20:30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<9.99	50.0	9.99	mg/kg	10.31.19 20:30	U	1
Total TPH	PHC635	<9.99		9.99	mg/kg	10.31.19 20:30	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	88	70 - 135	%		
o-Terphenyl	87	70 - 135	%		

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**0.00283**	0.00100	0.000207	mg/kg	10.31.19 15:30		1
Toluene	108-88-3	**0.00232**	0.00501	0.00100	mg/kg	10.31.19 15:30	J	1
Ethylbenzene	100-41-4	**0.000401**	0.00100	0.000336	mg/kg	10.31.19 15:30	J	1
m,p-Xylenes	179601-23-1	**0.000511**	0.00200	0.000438	mg/kg	10.31.19 15:30	J	1
o-Xylene	95-47-6	<0.000987	0.00100	0.000987	mg/kg	10.31.19 15:30	U	1
Total Xylenes	1330-20-7	**0.000511**		0.000438	mg/kg	10.31.19 15:30	J	
Total BTEX		**0.00606**		0.000207	mg/kg	10.31.19 15:30		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	99	53 - 142	%		
1,2-Dichloroethane-D4	101	53 - 150	%		
Toluene-D8	99	70 - 130	%		

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Sample Id: **SVE-5-15'** Matrix: Soil Sample Depth: 15 ft

Lab Sample Id: 641222-015 Date Collected: 10.23.19 18.30 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.57

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<9.95	49.8	9.95	mg/kg	10.31.19 20:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<9.95	49.8	9.95	mg/kg	10.31.19 20:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<9.95	49.8	9.95	mg/kg	10.31.19 20:48	U	1
Total TPH	PHC635	<9.95		9.95	mg/kg	10.31.19 20:48	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	88	70 - 135	%		
o-Terphenyl	87	70 - 135	%		

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**0.00804**	0.00100	0.000207	mg/kg	10.31.19 15:51		1
Toluene	108-88-3	**0.00389**	0.00500	0.00100	mg/kg	10.31.19 15:51	J	1
Ethylbenzene	100-41-4	**0.000400**	0.00100	0.000336	mg/kg	10.31.19 15:51	J	1
m,p-Xylenes	179601-23-1	<0.000437	0.00200	0.000437	mg/kg	10.31.19 15:51	U	1
o-Xylene	95-47-6	<0.000985	0.00100	0.000985	mg/kg	10.31.19 15:51	U	1
Total Xylenes	1330-20-7	<0.000437		0.000437	mg/kg	10.31.19 15:51	U	
Total BTEX		**0.0123**		0.000207	mg/kg	10.31.19 15:51		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	96	53 - 142	%		
1,2-Dichloroethane-D4	94	53 - 150	%		
Toluene-D8	99	70 - 130	%		

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Sample Id: **SVE-5-20'** Matrix: Soil Sample Depth: 20 ft

Lab Sample Id: 641222-016 Date Collected: 10.23.19 18.40 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 15.00

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**10.1**	49.8	9.96	mg/kg	10.31.19 21:06	J	1
Diesel Range Organics (DRO)	C10C28DRO	<9.96	49.8	9.96	mg/kg	10.31.19 21:06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<9.96	49.8	9.96	mg/kg	10.31.19 21:06	U	1
Total TPH	PHC635	**10.1**		9.96	mg/kg	10.31.19 21:06	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	89	70 - 135	%		
o-Terphenyl	88	70 - 135	%		

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**0.000409**	0.000998	0.000207	mg/kg	10.31.19 16:13	J	1
Toluene	108-88-3	<0.000998	0.00499	0.000998	mg/kg	10.31.19 16:13	U	1
Ethylbenzene	100-41-4	<0.000335	0.000998	0.000335	mg/kg	10.31.19 16:13	U	1
m,p-Xylenes	179601-23-1	<0.000436	0.00200	0.000436	mg/kg	10.31.19 16:13	U	1
o-Xylene	95-47-6	<0.000983	0.000998	0.000983	mg/kg	10.31.19 16:13	U	1
Total Xylenes	1330-20-7	<0.000436		0.000436	mg/kg	10.31.19 16:13	U	
Total BTEX		**0.000409**		0.000207	mg/kg	10.31.19 16:13	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	99	53 - 142	%		
1,2-Dichloroethane-D4	106	53 - 150	%		
Toluene-D8	100	70 - 130	%		

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Sample Id: **SVE-5-30'** Matrix: Soil Sample Depth: 30 ft

Lab Sample Id: 641222-017 Date Collected: 10.23.19 19.00 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 15.03

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<9.99	50.0	9.99	mg/kg	10.31.19 21:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<9.99	50.0	9.99	mg/kg	10.31.19 21:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<9.99	50.0	9.99	mg/kg	10.31.19 21:43	U	1
Total TPH	PHC635	<9.99		9.99	mg/kg	10.31.19 21:43	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	93	70 - 135	%		
o-Terphenyl	92	70 - 135	%		

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	**0.00211**	0.000998	0.000207	mg/kg	10.31.19 16:34		1
Toluene	108-88-3	**0.00111**	0.00499	0.000998	mg/kg	10.31.19 16:34	J	1
Ethylbenzene	100-41-4	<0.000335	0.000998	0.000335	mg/kg	10.31.19 16:34	U	1
m,p-Xylenes	179601-23-1	<0.000436	0.00200	0.000436	mg/kg	10.31.19 16:34	U	1
o-Xylene	95-47-6	<0.000983	0.000998	0.000983	mg/kg	10.31.19 16:34	U	1
Total Xylenes	1330-20-7	<0.000436		0.000436	mg/kg	10.31.19 16:34	U	
Total BTEX		**0.00322**		0.000207	mg/kg	10.31.19 16:34		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	100	53 - 142	%		
1,2-Dichloroethane-D4	106	53 - 150	%		
Toluene-D8	97	70 - 130	%		

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Sample Id: **SVE-5-40'** Matrix: Soil Sample Depth: 40 ft

Lab Sample Id: 641222-018 Date Collected: 10.23.19 19.25 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 15.06

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<9.98	49.9	9.98	mg/kg	10.31.19 22:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<9.98	49.9	9.98	mg/kg	10.31.19 22:01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<9.98	49.9	9.98	mg/kg	10.31.19 22:01	U	1
Total TPH	PHC635	<9.98		9.98	mg/kg	10.31.19 22:01	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	92	70 - 135	%		
o-Terphenyl	90	70 - 135	%		

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000207	0.00100	0.000207	mg/kg	10.31.19 16:55	U	1
Toluene	108-88-3	<0.00100	0.00501	0.00100	mg/kg	10.31.19 16:55	U	1
Ethylbenzene	100-41-4	<0.000336	0.00100	0.000336	mg/kg	10.31.19 16:55	U	1
m,p-Xylenes	179601-23-1	<0.000438	0.00200	0.000438	mg/kg	10.31.19 16:55	U	1
o-Xylene	95-47-6	<0.000987	0.00100	0.000987	mg/kg	10.31.19 16:55	U	1
Total Xylenes	1330-20-7	<0.000438		0.000438	mg/kg	10.31.19 16:55	U	
Total BTEX		<0.000207		0.000207	mg/kg	10.31.19 16:55	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	101	53 - 142	%		
1,2-Dichloroethane-D4	104	53 - 150	%		
Toluene-D8	99	70 - 130	%		

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641222
Talon/LPE, Amarillo, TX
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Sample Id: **SVE-5-50'** Matrix: Soil Sample Depth: 50 ft

Lab Sample Id: 641222-019 Date Collected: 10.23.19 19.50 Date Received: 10.28.19 10.00

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 15.09

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<9.94	49.7	9.94	mg/kg	10.31.19 22:19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<9.94	49.7	9.94	mg/kg	10.31.19 22:19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<9.94	49.7	9.94	mg/kg	10.31.19 22:19	U	1
Total TPH	PHC635	<9.94		9.94	mg/kg	10.31.19 22:19	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	91	70 - 135	%		
o-Terphenyl	90	70 - 135	%		

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000208	0.00100	0.000208	mg/kg	10.31.19 17:16	U	1
Toluene	108-88-3	<0.00100	0.00502	0.00100	mg/kg	10.31.19 17:16	U	1
Ethylbenzene	100-41-4	<0.000337	0.00100	0.000337	mg/kg	10.31.19 17:16	U	1
m,p-Xylenes	179601-23-1	<0.000438	0.00201	0.000438	mg/kg	10.31.19 17:16	U	1
o-Xylene	95-47-6	<0.000989	0.00100	0.000989	mg/kg	10.31.19 17:16	U	1
Total Xylenes	1330-20-7	<0.000438		0.000438	mg/kg	10.31.19 17:16	U	
Total BTEX		<0.000208		0.000208	mg/kg	10.31.19 17:16	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	101	53 - 142	%		
1,2-Dichloroethane-D4	111	53 - 150	%		
Toluene-D8	98	70 - 130	%		

Certificate of Analytical Results

641222

Talon/LPE, Amarillo, TX

Concho BKU, Artesia, NM

Sample Id: **7689354-1-BLK** Matrix: Solid Sample Depth:

Lab Sample Id: 7689354-1-BLK Date Collected: Date Received:

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: ISU % Moist: Tech: ISU

Seq Number: 3106206 Date Prep: 10.31.19 14.00

Prep seq: 7689354

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<10.0	50.0	10.0	mg/kg	10.31.19 18:24	U	1
Diesel Range Organics (DRO)	C10C28DRO	<10.0	50.0	10.0	mg/kg	10.31.19 18:24	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<10.0	50.0	10.0	mg/kg	10.31.19 18:24	U	1

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	77	70 - 135	%		
o-Terphenyl	96	70 - 135	%		

Sample Id: **7689379-1-BLK** Matrix: Solid Sample Depth:

Lab Sample Id: 7689379-1-BLK Date Collected: Date Received:

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106126 Date Prep: 10.31.19 11.00

Prep seq: 7689379

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000207	0.00100	0.000207	mg/kg	10.31.19 13:02	U	1
Toluene	108-88-3	<0.00100	0.00500	0.00100	mg/kg	10.31.19 13:02	U	1
Ethylbenzene	100-41-4	<0.000336	0.00100	0.000336	mg/kg	10.31.19 13:02	U	1
m,p-Xylenes	179601-23-1	<0.000437	0.00200	0.000437	mg/kg	10.31.19 13:02	U	1
o-Xylene	95-47-6	<0.000985	0.00100	0.000985	mg/kg	10.31.19 13:02	U	1

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	96	53 - 142	%		
1,2-Dichloroethane-D4	97	53 - 150	%		
Toluene-D8	100	70 - 130	%		

Certificate of Analytical Results
641222

Talon/LPE, Amarillo, TX
Concho BKU, Artesia, NM

Sample Id: **7689417-1-BLK** Matrix: Solid Sample Depth:

Lab Sample Id: 7689417-1-BLK Date Collected: Date Received:

Analytical Method: BTEX by SW 8260C Prep Method: 5030B

Analyst: CRL % Moist: Tech: CRL

Seq Number: 3106169 Date Prep: 11.01.19 10.50

Prep seq: 7689417

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000207	0.00100	0.000207	mg/kg	11.01.19 13:28	U	1
Toluene	108-88-3	<0.00100	0.00500	0.00100	mg/kg	11.01.19 13:28	U	1
Ethylbenzene	100-41-4	<0.000336	0.00100	0.000336	mg/kg	11.01.19 13:28	U	1
m,p-Xylenes	179601-23-1	<0.000437	0.00200	0.000437	mg/kg	11.01.19 13:28	U	1
o-Xylene	95-47-6	<0.000985	0.00100	0.000985	mg/kg	11.01.19 13:28	U	1

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
Dibromofluoromethane	95	53 - 142	%		
1,2-Dichloroethane-D4	95	53 - 150	%		
Toluene-D8	100	70 - 130	%		

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Form 2 - Surrogate Recoveries

Project Name: Concho BKU, Artesia, NM

Work Orders : 641222,

Project ID: 700778.140.01

Lab Batch #: 3106126 **Sample:** 7689379-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/31/19 10:30

SURROGATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0489	0.0500	98	53-142	
1,2-Dichloroethane-D4	0.0496	0.0500	99	53-150	
Toluene-D8	0.0513	0.0500	103	70-130	

Lab Batch #: 3106126 **Sample:** 7689379-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/31/19 10:51

SURROGATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0488	0.0500	98	53-142	
1,2-Dichloroethane-D4	0.0497	0.0500	99	53-150	
Toluene-D8	0.0513	0.0500	103	70-130	

Lab Batch #: 3106126 **Sample:** 641222-005 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/31/19 11:17

SURROGATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0491	0.0500	98	53-142	
1,2-Dichloroethane-D4	0.0505	0.0500	101	53-150	
Toluene-D8	0.0564	0.0500	113	70-130	

Lab Batch #: 3106126 **Sample:** 641222-005 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/31/19 11:38

SURROGATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0484	0.0500	97	53-142	
1,2-Dichloroethane-D4	0.0482	0.0500	96	53-150	
Toluene-D8	0.0569	0.0500	114	70-130	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Version: 1.%

Form 2 - Surrogate Recoveries

Project Name: Concho BKU, Artesia, NM

Work Orders : 641222,

Project ID: 700778.140.01

Lab Batch #: 3106126 **Sample:** 7689379-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/31/19 13:02

SURROGATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0481	0.0500	96	53-142	
1,2-Dichloroethane-D4	0.0487	0.0500	97	53-150	
Toluene-D8	0.0499	0.0500	100	70-130	

Lab Batch #: 3106169 **Sample:** 7689417-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/01/19 10:28

SURROGATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0492	0.0500	98	53-142	
1,2-Dichloroethane-D4	0.0498	0.0500	100	53-150	
Toluene-D8	0.0511	0.0500	102	70-130	

Lab Batch #: 3106169 **Sample:** 7689417-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/01/19 10:49

SURROGATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0491	0.0500	98	53-142	
1,2-Dichloroethane-D4	0.0504	0.0500	101	53-150	
Toluene-D8	0.0510	0.0500	102	70-130	

Lab Batch #: 3106169 **Sample:** 641222-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/01/19 11:42

SURROGATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0495	0.0500	99	53-142	
1,2-Dichloroethane-D4	0.0497	0.0500	99	53-150	
Toluene-D8	0.0582	0.0500	116	70-130	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Version: 1.%

Form 2 - Surrogate Recoveries

Project Name: Concho BKU, Artesia, NM

Work Orders : 641222,

Project ID: 700778.140.01

Lab Batch #: 3106169 **Sample:** 641222-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/01/19 12:03

SURROGATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0495	0.0500	99	53-142	
1,2-Dichloroethane-D4	0.0493	0.0500	99	53-150	
Toluene-D8	0.0551	0.0500	110	70-130	

Lab Batch #: 3106169 **Sample:** 7689417-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/01/19 13:28

SURROGATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0476	0.0500	95	53-142	
1,2-Dichloroethane-D4	0.0477	0.0500	95	53-150	
Toluene-D8	0.0502	0.0500	100	70-130	

Lab Batch #: 3106206 **Sample:** 7689354-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/31/19 18:24

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	76.5	100	77	70-135	
o-Terphenyl	47.8	50.0	96	70-135	

Lab Batch #: 3106206 **Sample:** 7689354-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/31/19 19:00

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	85.6	100	86	70-135	
o-Terphenyl	47.0	50.0	94	70-135	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Version: 1.%

Form 2 - Surrogate Recoveries

Project Name: Concho BKU, Artesia, NM

Work Orders : 641222,

Project ID: 700778.140.01

Lab Batch #: 3106206 **Sample:** 641222-004 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/31/19 20:30

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.0	100	99	70-135	
o-Terphenyl	86.6	50.0	173	70-135	**

Lab Batch #: 3106206 **Sample:** 641222-004 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/31/19 20:48

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.3	100	94	70-135	
o-Terphenyl	67.8	50.1	135	70-135	

Lab Batch #: 3106206 **Sample:** 7689354-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/01/19 16:53

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	87.9	100	88	70-135	
o-Terphenyl	48.9	50.0	98	70-135	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Version: 1.%

BS / BSD Recoveries

Project Name: Concho BKU, Artesia, NM

Work Order #: 641222 **Project ID:** 700778.140.01

Analyst: CRL **Date Prepared:** 10/31/2019 **Date Analyzed:** 10/31/2019

Lab Batch ID: 3106126 **Sample:** 7689379-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.000207	0.0500	0.0426	85	0.0500	0.0461	92	8	62-132	25	
Toluene	<0.00100	0.0500	0.0427	85	0.0500	0.0463	93	8	66-124	25	
Ethylbenzene	<0.000336	0.0500	0.0438	88	0.0500	0.0475	95	8	71-134	25	
m,p-Xylenes	<0.000437	0.100	0.0861	86	0.100	0.0936	94	8	69-128	25	
o-Xylene	<0.000985	0.0500	0.0435	87	0.0500	0.0470	94	8	72-131	25	

Analyst: CRL **Date Prepared:** 11/01/2019 **Date Analyzed:** 11/01/2019

Lab Batch ID: 3106169 **Sample:** 7689417-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.000207	0.0500	0.0439	88	0.0500	0.0509	102	15	62-132	25	
Toluene	<0.00100	0.0500	0.0434	87	0.0500	0.0499	100	14	66-124	25	
Ethylbenzene	<0.000336	0.0500	0.0441	88	0.0500	0.0508	102	14	71-134	25	
m,p-Xylenes	<0.000437	0.100	0.0872	87	0.100	0.100	100	14	69-128	25	
o-Xylene	<0.000985	0.0500	0.0434	87	0.0500	0.0503	101	15	72-131	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Version: 1.%

BS / BSD Recoveries

Project Name: Concho BKU, Artesia, NM

Work Order #: 641222 **Project ID:** 700778.140.01

Analyst: ISU **Date Prepared:** 10/31/2019 **Date Analyzed:** 11/01/2019

Lab Batch ID: 3106206 **Sample:** 7689354-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Gasoline Range Hydrocarbons (GRO)	<10.0	1000	1030	103	1000	1060	106	3	70-135	35	
Diesel Range Organics (DRO)	<10.0	1000	999	100	1000	1030	103	3	70-135	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Version: 1.%

Form 3 - MS / MSD Recoveries

Project Name: Concho BKU, Artesia, NM

Work Order # : 641222 **Project ID:** 700778.140.01

Lab Batch ID: 3106126 **QC- Sample ID:** 641222-005 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 10/31/2019 **Date Prepared:** 10/31/2019 **Analyst:** CRL

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	4.31	5.05	9.08	94	5.05	9.02	93	1	62-132	25	
Toluene	14.9	5.05	18.9	79	5.05	19.1	83	1	66-124	25	
Ethylbenzene	21.3	5.05	24.6	65	5.05	24.8	69	1	71-134	25	X
m,p-Xylenes	19.7	10.1	27.2	74	10.1	27.6	78	1	69-128	25	
o-Xylene	7.58	5.05	11.7	82	5.05	11.8	84	1	72-131	25	

Lab Batch ID: 3106169 **QC- Sample ID:** 641222-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 11/01/2019 **Date Prepared:** 11/01/2019 **Analyst:** CRL

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by SW 8260C Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	1.32	2.52	3.95	104	2.52	4.05	108	3	62-132	25	
Toluene	0.876	2.52	3.34	98	2.52	3.52	105	5	66-124	25	
Ethylbenzene	0.153	2.52	2.63	98	2.52	2.77	104	5	71-134	25	
m,p-Xylenes	2.54	5.04	7.41	97	5.04	7.78	104	5	69-128	25	
o-Xylene	4.14	2.52	6.67	100	2.52	6.99	113	5	72-131	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Form 3 - MS / MSD Recoveries

Project Name: Concho BKU, Artesia, NM

Work Order # : 641222 **Project ID:** 700778.140.01

Lab Batch ID: 3106206 **QC- Sample ID:** 641222-004 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 10/31/2019 **Date Prepared:** 10/31/2019 **Analyst:** ISU

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Gasoline Range Hydrocarbons (GRO)	3050	1000	4020	97	1000	3970	92	1	70-135	35	
Diesel Range Organics (DRO)	5510	1000	6580	107	1000	6530	102	1	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable

N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Page 713 of 733

CHAIN OF CUSTODY

Page 2 Of 2

XENCO LABORATORIES

Setting the Standard since 1990

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Norcross, Georgia (770-449-8800)
Lakeland, Florida (863-646-8526)
Tampa, Florida (813-620-2000)

Xenco Quote #
Xenco Job # 641222

Client / Reporting Information

Company Name / Branch: Talon/LPE
Company Address: 921 N Bivins
Email: bobehard@talonlpe.com
Phone No: (615) 509-3310
Project Contact: Jason Shubert
Samplers's Name: Brent Eberhard

Project Information

Project Name/Number: 700778.140.01
Project Location: Concho BKU Artesia, NM
Invoice To: Talon/LPE
PO Number: 700778.140.01

Analytical Information

No.	Field ID / Point of Collection	Collection: Sample Depth	Date	Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	NONE	8260 BTEX	9015 TPH	Field Comments
1	SVE-1-90'	90'	10/23	15:05	S	1								X	X	X	
2	SVE-1-100'	100'	10/23	15:30	S	1								X	X	X	
3	SVE-5-5'	5'	10/23	18:14	S	1								X	X	X	
4	SVE-5-10'	10'	10/23	18:20	S	1								X	X	X	
5	SVE-5-15'	15'	10/23	18:30	S	1								X	X	X	
6	SVE-5-20'	20'	10/23	18:40	S	1								X	X	X	
7	SVE-5-30'	30'	10/23	19:00	S	1								X	X	X	
8	SVE-5-40'	40'	10/23	19:25	S	1								X	X	X	
9	SVE-5-50'	50'	10/23	19:50	S	1								X	X	X	
10																	

Matrix Codes

A= Air
S = Soil/Sed/Solid
GW =Ground Water
DW = Drinking Water
P = Product
SW = Surface water
SL = Sludge
WW= Waste Water
W = Wipe
O = Oil

WW= Waste Water

Turnaround Time (Business days)

- [ ] Same Day TAT
- [x] 5 Day TAT
- [ ] Next Day EMERGENCY
- [ ] 7 Day TAT
- [ ] 2 Day EMERGENCY
- [ ] Contract TAT
- [ ] 3 Day EMERGENCY

TAT Starts Day received by Lab, if received by 3:00 pm

Data Deliverable Information

- [x] Level II Std QC
- [ ] Level IV (Full Data Pkg /raw data)
- [ ] Level III Std QC+ Forms
- [ ] TRRP Level IV
- [ ] Level 3 (CLP Forms)
- [ ] UST / RG -411
- [ ] TRRP Checklist

Notes:

FED-EX / UPS: Tracking #

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		10/25 14:00	FedEx	2 FedEx	102519 1000	2
3	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
			3	4		4
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice
			5			Y

IR ID:HOU-068 C/F:+0.2
Temp: 1.6 Corrected: 1.8

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to XENCO Laboratories and its affiliates, subcontractors and assigns XENCO's standard terms and conditions of service unless pre

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Page 36 of 39

Page 714 of 733

CHAIN OF CUSTODY

Page 1 Of 2

XENCO LABORATORIES

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Stafford,Texas (281-240-4200) | Odessa, Texas (432-563-1800) | Lakeland, Florida (863-646-8526)

Dallas, Texas (214-902-0300) | Norcross, Georgia (770-449-8800) | Tampa, Florida (813-620-2000)

Service Center - San Antonio, Texas (210-509-3334) | www.xenco.com

Xenco Quote # | Xenco Job # 641222

Client / Reporting Information

Company Name / Branch: Talon / LPE

Company Address: 921 N Bivins

Email: beberhard@talonlpe.com Phone No: (615) 509-3310

Project Contact:

Samplers's Name: Brent Eberhard

Project Information

Project Name/Number: 700778.140.01

Project Location: Concho BKU Artesia, NM

Invoice To: Talon / LPE

PO Number: 700778.140.01

Analytical Information

Matrix Codes

A= Air
S = Soil/Sed/Solid
GW =Ground Water
DW = Drinking Water
P = Product
SW = Surface water
SL = Sludge
WW= Waste Water
W = Wipe
O = Oil

WW= Waste Water

No.	Field ID / Point of Collection	Collection: Sample Depth	Collection: Date	Collection: Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	NONE	8260 BTEX	8015 TPH	Field Comments
1	SVE-1-5'	5'	10/23	11:10	S	1								X	X	X	
2	SVE-1-10'	10'	10/23	11:15	S	1								X	X	X	
3	SVE-1-15'	15'	10/23	11:23	S	1								X	X	X	
4	SVE-1-20'	20'	10/23	11:30	S	1								X	X	X	
5	SVE-1-30'	30'	10/23	11:42	S	1								X	X	X	
6	SVE-1-40'	40'	10/23	11:58	S	1								X	X	X	
7	SVE-1-50'	50'	10/23	12:12	S	1								X	X	X	
8	SVE-1-60'	60'	10/23	12:28	S	1								X	X	X	
9	SVE-1-70'	70'	10/23	12:53	S	1								X	X	X	
10	SVE-1-80'	80'	10/23	13:10	S	1								X	X	X	

Turnaround Time (Business days)

- [ ] Same Day TAT
- [ ] Next Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 3 Day EMERGENCY
- [x] 5 Day TAT
- [ ] 7 Day TAT
- [ ] Contract TAT

TAT Starts Day received by Lab, if received by 3:00 pm

Data Deliverable Information

- [x] Level II Std QC
- [ ] Level III Std QC+ Forms
- [ ] Level 3 (CLP Forms)
- [ ] TRRP Checklist
- [ ] Level IV (Full Data Pkg /raw data)
- [ ] TRRP Level IV
- [ ] UST / RG -411

Notes:

FED-EX / UPS: Tracking #

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

	Relinquished by	Date Time	Received By	Relinquished By	Date Time	Received By
1	Sampler: B	10/25 14:00	Fed Ex	Fed Ex	10/25/23 1422	
3						
5				Custody Seal #	Preserved where applicable	On Ice: X

IR ID:HOU-068 C/F:+0.2
Temp: 1.6 Corrected: 1.8

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to XENCO Laboratories and its affiliates, subcontractors and assigns XENCO's standard terms and conditions of service unless previously negotiated under a fully executed client contract.

Received by OCD: 9/9/2024 2:12:16 PM
Released to Imaging: 1/10/2025 10:56:20 AM
Final 1.000
Page 37 of 39

FedEx
TRK# 0201 7767 7892 1404

MON – 28 OCT AA
STANDARD OVERNIGHT

XH SGRA

77071
TX – US IAH

#2638992 10/26 567J3/2A3C/05A2

DY SEAL

Sample No.

Time Collected

nature)

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Talon/LPE

Date/ Time Received: 10/28/2019 10:00:00 AM

Work Order #: 641222

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	1.8
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**
#5 Custody Seals intact on sample bottles?	**N/A**
#6*Custody Seals Signed and dated?	**Yes**
#7 *Chain of Custody present?	**Yes**
#8 Any missing/extra samples?	**No**
#9 Chain of Custody signed when relinquished/ received?	**Yes**
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**
#11 Container label(s) legible and intact?	**Yes**
#12 Samples in proper container/ bottle?	**Yes**
#13 Samples properly preserved?	**Yes**
#14 Sample container(s) intact?	**Yes**
#15 Sufficient sample amount for indicated test(s)?	**Yes**
#16 All samples received within hold time?	**Yes**
#17 Subcontract of sample(s)?	**No**
#18 Water VOC samples have zero headspace?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: LM

PH Device/Lot#: HOU-068

Checklist completed by: Lesia Minor — Date: 10/28/2019

Lesia Minor

Checklist reviewed by: Jessica Kramer — Date: 10/29/2019

Jessica Kramer

APPENDIX H

AIR LABORATORY ANALYTICAL REPORT

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-19110296-001A

Nov. 08, 2019

Jason Shubert
Talon/LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 1	Sampled By:	BH
Station Number:	700778.140.02	Sample Of:	Gas Spot
Station Location:	Loco Hills	Sample Date:	10/29/2019 10:00
Sample Point:	Cog BKU Sat G	Sample Conditions:	
Analyzed:	11/07/2019 14:23:20 by PW	Method:	GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	97.339	94.579		GPM TOTAL C2+	0.360
Methane	NIL	NIL		GPM TOTAL C3+	0.360
Carbon Dioxide	1.810	2.763		GPM TOTAL iC5+	0.355
Ethane	NIL	NIL	NIL		
Propane	0.003	0.005	0.001		
Iso-butane	0.002	0.004	0.001		
n-Butane	0.010	0.020	0.003		
Iso-pentane	0.030	0.075	0.011		
n-Pentane	0.070	0.175	0.025		
Hexanes Plus	0.736	2.379	0.319		
	100.000	100.000	0.360		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9955	3.2176
Calculated Molecular Weight	28.83	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	42	5113
Water Sat. Gas Base BTU	41	5024

Tom Berry

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-19110296-002A

Nov. 08, 2019

Jason Shubert
Talon/LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 2	Sampled By:	BH
Station Number:	700778.140.02	Sample Of:	Gas Spot
Station Location:	Loco Hills	Sample Date:	10/29/2019 15:00
Sample Point:	Cog BKU Sat G	Sample Conditions:	
Analyzed:	11/07/2019 14:37:19 by PW	Method:	GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	98.431	96.607		GPM TOTAL C2+	0.253
Methane	NIL	NIL		GPM TOTAL C3+	0.253
Carbon Dioxide	0.975	1.503		GPM TOTAL iC5+	0.250
Ethane	NIL	NIL	NIL		
Propane	0.001	0.002	NIL		
Iso-butane	0.002	0.004	0.001		
n-Butane	0.005	0.010	0.002		
Iso-pentane	0.016	0.040	0.006		
n-Pentane	0.037	0.094	0.013		
Hexanes Plus	0.533	1.740	0.231		
	100.000	100.000	0.253		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9855	3.2176
Calculated Molecular Weight	28.54	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	30	5113
Water Sat. Gas Base BTU	29	5024

Tom Berry

Hydrocarbon Laboratory Manager

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8820 Interchange Drive
Houston, TX 77054
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Certificate of Analysis

Number: 1030-19110296-003A

Nov. 08, 2019

Jason Shubert
Talon/LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 3	Sampled By:	BH
Station Number:	700778.140.02	Sample Of:	Gas Spot
Station Location:	Loco Hills	Sample Date:	10/29/2019 20:00
Sample Point:	Cog BKU Sat G	Sample Conditions:	
Analyzed:	11/07/2019 14:51:48 by PW	Method:	GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	97.248	94.456		GPM TOTAL C2+	0.357
Methane	NIL	NIL		GPM TOTAL C3+	0.357
Carbon Dioxide	1.909	2.913		GPM TOTAL iC5+	0.352
Ethane	NIL	NIL	NIL		
Propane	0.003	0.005	0.001		
Iso-butane	0.002	0.004	0.001		
n-Butane	0.009	0.018	0.003		
Iso-pentane	0.031	0.078	0.011		
n-Pentane	0.073	0.183	0.026		
Hexanes Plus	0.725	2.343	0.315		
	100.000	100.000	0.357		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9958	3.2176
Calculated Molecular Weight	28.84	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	42	5113
Water Sat. Gas Base BTU	41	5024

Tom Berry

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-19110296-004A

Nov. 08, 2019

Jason Shubert
Talon/LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 4	Sampled By:	BH
Station Number:	700778.140.02	Sample Of:	Gas Spot
Station Location:	Loco Hills	Sample Date:	10/29/2019 22:00
Sample Point:	Cog BKU Sat G	Sample Conditions:	
Analyzed:	11/07/2019 15:04:52 by PW	Method:	GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	97.137	95.255		GPM TOTAL C2+	0.085
Methane	NIL	NIL		GPM TOTAL C3+	0.085
Carbon Dioxide	2.666	4.107		GPM TOTAL iC5+	0.085
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.002	0.005	0.001		
n-Pentane	0.004	0.010	0.001		
Hexanes Plus	0.191	0.623	0.083		
	100.000	100.000	0.085		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9863	3.2176
Calculated Molecular Weight	28.57	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	10	5113
Water Sat. Gas Base BTU	10	5024

Tom Berry

Hydrocarbon Laboratory Manager

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Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-19110296-005A

Nov. 08, 2019

Jason Shubert
Talon/LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 5	Sampled By:	BH
Station Number:	700778.140.02	Sample Of:	Gas Spot
Station Location:	Loco Hills	Sample Date:	10/30/2019 03:00
Sample Point:	Cog BKU Sat G	Sample Conditions:	
Analyzed:	11/07/2019 15:18:07 by PW	Method:	GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	98.547	97.482		GPM TOTAL C2+	0.065
Methane	NIL	NIL		GPM TOTAL C3+	0.065
Carbon Dioxide	1.302	2.023		GPM TOTAL iC5+	0.065
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.001	0.003	NIL		
n-Pentane	0.003	0.008	0.001		
Hexanes Plus	0.147	0.484	0.064		
	100.000	100.000	0.065		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9777	3.2176
Calculated Molecular Weight	28.32	93.19
Compressibility Factor	0.9997	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	8	5113
Water Sat. Gas Base BTU	8	5024

Tom Berry

Hydrocarbon Laboratory Manager

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Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-19110296-006A

Nov. 08, 2019

Jason Shubert
Talon/LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 6	Sampled By:	BH
Station Number:	700778.140.02	Sample Of:	Gas Spot
Station Location:	Loco Hills	Sample Date:	10/30/2019 08:00
Sample Point:	Cog BKU Sat G	Sample Conditions:	
Analyzed:	11/07/2019 15:31:09 by PW	Method:	GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	99.673	99.300		GPM TOTAL C2+	0.046
Methane	NIL	NIL		GPM TOTAL C3+	0.046
Carbon Dioxide	0.219	0.343		GPM TOTAL iC5+	0.046
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.001	0.003	NIL		
n-Pentane	0.001	0.003	NIL		
Hexanes Plus	0.106	0.351	0.046		
	100.000	100.000	0.046		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9708	3.2176
Calculated Molecular Weight	28.12	93.19
Compressibility Factor	0.9997	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	6	5113
Water Sat. Gas Base BTU	5	5024

Tom Berry

Hydrocarbon Laboratory Manager

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Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-19110296-007A

Nov. 08, 2019

Jason Shubert
Talon/LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 7	Sampled By:	BH
Station Number:	700778.140.02	Sample Of:	Gas Spot
Station Location:	Loco Hills	Sample Date:	10/30/2019 10:00
Sample Point:	Cog BKU Sat G	Sample Conditions:	
Analyzed:	11/07/2019 15:43:49 by PW	Method:	GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	97.852	96.155		GPM TOTAL C2+	0.138
Methane	NIL	NIL		GPM TOTAL C3+	0.138
Carbon Dioxide	1.823	2.814		GPM TOTAL iC5+	0.137
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	0.002	0.004	0.001		
Iso-pentane	0.013	0.033	0.005		
n-Pentane	0.026	0.066	0.009		
Hexanes Plus	0.284	0.928	0.123		
	100.000	100.000	0.138		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9843	3.2176
Calculated Molecular Weight	28.51	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	16	5113
Water Sat. Gas Base BTU	16	5024

Tom Berry

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-19110296-008A

Nov. 08, 2019

Jason Shubert
Talon/LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 8	Sampled By:	BH
Station Number:	700778.140.02	Sample Of:	Gas Spot
Station Location:	Loco Hills	Sample Date:	10/30/2019 21:00
Sample Point:	Cog BKU Sat G	Sample Conditions:	
Analyzed:	11/07/2019 15:56:21 by PW	Method:	GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	97.935	96.316		GPM TOTAL C2+	0.129
Methane	NIL	NIL		GPM TOTAL C3+	0.129
Carbon Dioxide	1.762	2.722		GPM TOTAL iC5+	0.128
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	0.002	0.004	0.001		
Iso-pentane	0.010	0.025	0.004		
n-Pentane	0.025	0.063	0.009		
Hexanes Plus	0.266	0.870	0.115		
	100.000	100.000	0.129		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9835	3.2176
Calculated Molecular Weight	28.48	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	15	5113
Water Sat. Gas Base BTU	15	5024

Tom Berry

Hydrocarbon Laboratory Manager

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SPL, Inc.

Analysis Request Chain of Custody Record

SPL		SPL Work Order No.:	SPL Work Order No.:	Acct. Mate Code:	Dept. Code	SPL Page 1 of 2	
Report To: (Company Name):	Talon LPE	Project/Station Name:	Project/Station Number:	Project/Station Location:		Requested TAT	
Address	921 N. Bivins	COG BKU Sat G	700778.14002	@ Loco Hills		☐ 24hr *	
City/State/Zip	Amarillo, Texas 79107	Special Instructions:				☐ 48hr *	
Contact:	Jason Shubert					☐ 72hr *	
Phone:	806-467-0607 Fax: 806-467-0622					☐ Standard	
Invoice To: (Company Name):	Talon LPE	Indicate Billing Type.	Net 30 day Acct. ☐	Check #	Cash Recv'd $	☐ Other Indicate Below	
Address	921 N Bivins		Credit Card ☐	Contact SPL, Inc for CC payment arrangements.			
City/State/Zip	Amarillo, Texas 79107	* Terms: Cylinders will be rented for $10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.	Requested Analysis				
Contact:	Jason Shubert						
Phone:	806-467-0607 Fax: 806-467-0622						
PO / Ref. No.:							
Contract/Proposal #:						* Surcharges May Apply	

Sample ID & Point	Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder Tracking Info * Cylinder #	Date Out	Date In	C6+	Comments
INFluent 1	10-29	1000	Gas							X	
INFluent 2	10-29	1500								X	
INFluent 3	10-29	2000								X	
INFluent 4	10-29	2200								X	
INFluent 5	10-30	0300								X	
INFluent 6	10-30	0800								X	
INFluent 7	10-30	1000								X	
INFluent 8	10-30	2100								X	

Sampled By-Print Name: B Hurtado Company Name:

Signature:

Relinquished By-Print Name: B Hurtado	Date: 10/31	Time:	Received By-Print Name:	Date:	Time:
Signature:			Signature:		
Relinquished By-Print Name:	Date:	Time:	Received By-Print Name:	Date:	Time:
Signature:			Signature:		
Relinquished By-Print Name:	Date:	Time:	Received By-Print Name:	Date:	Time:
Signature:			Signature: R Cullen		

☐ 8820 Interchange Dr. Houston, TX 77054 (713) 660-0901

☐ 9221 Highway 23 Belle Chasse, LA 70037 (504) 391-1337

☐ P.O. Box 3079 Laurel, MS 39442 (601) 426-0642

☐ 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775

☐ 1595 US 79 South Carthage, TX 75633 (903) 693-6242

☐ 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be e-mailed to you.

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-19110297-001A

Nov. 08, 2019

Jason Shubert
Talon/LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 9	Sampled By:	BH
Station Number:	700778.140.02	Sample Of:	Gas Spot
Station Location:	Loco Hills	Sample Date:	10/31/2019 08:00
Sample Point:	Cog BKU Sat G	Sample Conditions:	
Analyzed:	11/07/2019 16:16:00 by PW	Method:	GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	98.003	96.414		GPM TOTAL C2+	0.130
Methane	NIL	NIL		GPM TOTAL C3+	0.130
Carbon Dioxide	1.691	2.613		GPM TOTAL iC5+	0.130
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	0.001	0.002	NIL		
Iso-pentane	0.011	0.028	0.004		
n-Pentane	0.025	0.063	0.009		
Hexanes Plus	0.269	0.880	0.117		
	100.000	100.000	0.130		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9831	3.2176
Calculated Molecular Weight	28.48	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	15	5113
Water Sat. Gas Base BTU	15	5024

Tom Berry

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Houston Laboratories
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Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-19110297-002A

Nov. 08, 2019

Jason Shubert
Talon/LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Effluent 1	Sampled By:	BH
Station Number:	700778.140.02	Sample Of:	Gas Spot
Station Location:	Loco Hills	Sample Date:	10/30/2019 21:00
Sample Point:	Cog BKU Sat G	Sample Conditions:	
Analyzed:	11/07/2019 16:29:56 by PW	Method:	GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	98.481	97.622		GPM TOTAL C2+	0.003
Methane	NIL	NIL		GPM TOTAL C3+	0.003
Carbon Dioxide	1.512	2.355		GPM TOTAL iC5+	0.003
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	NIL	NIL	NIL		
n-Pentane	NIL	NIL	NIL		
Hexanes Plus	0.007	0.023	0.003		
	100.000	100.000	0.003		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9757	3.2176
Calculated Molecular Weight	28.26	93.19
Compressibility Factor	0.9997	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	NIL	5113
Water Sat. Gas Base BTU	NIL	5024

Tom Berry

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

SPL, Inc.

Analysis Request Chain of Custody Record

SPL

SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:		Dept. Code	SPL Page 1 of 1
Report To: (Company Name):	Talon LPE	Project/Station Name:	Project/Station Number:	Project/Station Location:			Requested TAT
Address	921 N. Bivins	COG BKV Set. G	700778.140.02	Loco Hills			☐ 24hr *
City/State/Zip	Amarillo, Texas 79107	Special Instructions:					☐ 48hr *
Contact:	Jason Shubert						☐ 72hr *
Phone:	806-467-0607 Fax: 806-467-0622						☐ Standard
Invoice To: (Company Name):	Talon LPE	Indicate Billing Type.	Net 30 day Acct. ☐	Check #	Cash Recv'd	$	☐ Other Indicate Below
Address	921 N Bivins		Credit Card ☐	Contact SPL. Inc for CC payment arrangements.			
City/State/Zip	Amarillo, Texas 79107	* Terms: Cylinders will be rented for $10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.					
Contact:	Jason Shubert						
Phone:	806-467-0607 Fax: 806-467-0622						
PO / Ref. No.:							
Contract/Proposal #:							

Sample ID & Point	Sample Date	Sample Time	Sample Type (Gas/Liq, Solid)	Duplicate	Composite	Spot	Cylinder Tracking Info * Cylinder #	Date Out	Date In	Requested Analysis C6+	Comments
INFluent	10.31	0800	Gas							X	
Effluent	10.30	2100	1							X	

Requested Analysis

* Surcharges May Apply

Sampled By-Print Name: B Huntington			Company Name:		
Signature: B					
Relinquished By-Print Name: B Huntington	Date: 10.31	Time:	Received By-Print Name:	Date:	Time:
Signature: B			Signature:		
Relinquished By-Print Name:	Date:	Time:	Received By-Print Name:	Date:	Time:
Signature:			Signature:		
Relinquished By-Print Name:	Date:	Time:	Received By-Print Name: D. Cullen	Date:	Time:
Signature:			Signature:		

☐ 8820 Interchange Dr. Houston, TX 77054 (713) 660-0901

☐ 9221 Highway 23 Belle Chasse, LA 70037 (504) 391-1337

☐ P.O. Box 3079 Laurel, MS 39442 (601) 428-0842

☐ 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775

☐ 1595 US 79 South Carthage, TX 75633 (903) 693-6242

☐ 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be e-mailed to you.

September 14, 2021

Concho Resources Inc.
600 W. Illinois Avenue
Midland, Texas 79701

RE: Site Updates: Loco Hills Release Eddy County, Texas

Mr. Ike Tavarez:

This letter has been drafted by Talon/LPE (Talon) to provide Concho Resources Inc. (Concho) a summary of the groundwater classification results, and to offer recommendations moving forward at the Loco Hills release site in Eddy County, Texas.

Soil Vapor Extraction (SVE) Analytical Results

Talon has completed seven (7) SVE events at the Loco Hills site. All seven (7) monitoring wells were gauged, purged, and sampled in accordance with all appropriate local, state, and federal regulations. All samples were submitted to Southern Petroleum Laboratories (SPL) for vapor analysis.

Analytical Results – SVE Events

Event Number	Samples Taken	Date	Average Results (PPMV)	Vapor Recovery (Gallons)
1	9	10/29/2019	12,340	79.49
2	3	10/15/2020	18,016	125.30
3	3	1/5/2021	19,390	141.99
4	3	4/21/2021	12,253	87.77
5	3	5/27/2021	25,716	174.49
6	3	7/7/2021	20,680	141.51
7	3	8/11/2021	17,790	123.64

Conclusion:

Talon has completed a total of seven (7) events of Mobile Dual Phase Extraction on the monitoring well network at the Loco Hills release site. Talon estimates that approximately 874.19-gallons equivalent of vapor mass has been recovered and removed from the site.

Please refer to Graph 1 for a representation of recovered vapor mass over time.

Recommendations

Talon recommends to continue conducting MDPE events for one (1) additional quarter, followed by a soil sampling event. The soil sampling will verify concentrations and allow Talon to develop a plan to reach site closure. Following the soil sampling event, Talon will make a recommendation on how to proceed with recovery activities at this site.

Talon appreciates the opportunity to provide professional services on behalf of Concho.

Should you have further questions or concerns please contact the undersigned by phone at 806.467.0607 ext.: 437 or by email at kbilbrey@talonlpe.com.

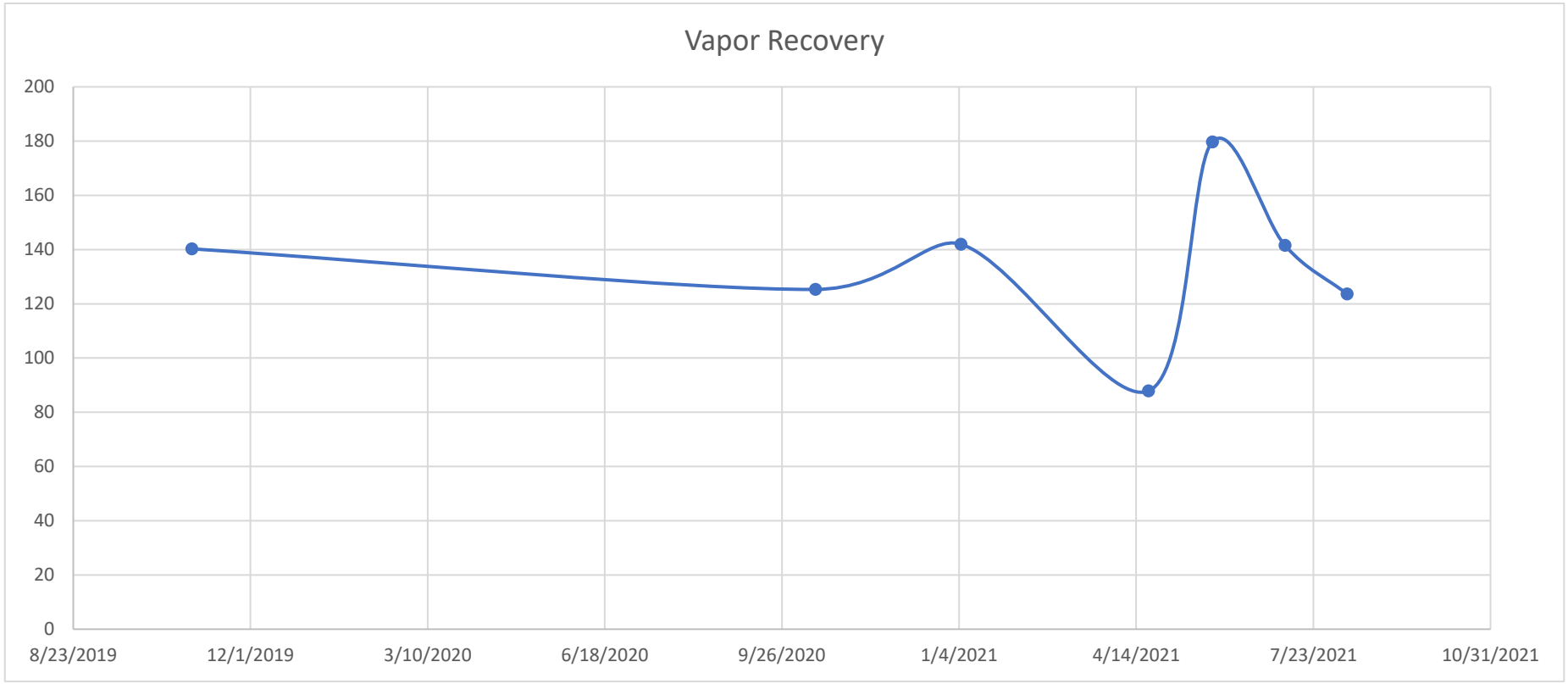
Respectfully Submitted,



Kelsey Bilbrey
Staff Engineer
Talon/LPE

Attachments

- Graph 1 – Soil Vapor Recovery


Vapor Recovery
200
180
160
140
120
100
80
60
40
20
0
8/23/2019
12/1/2019
3/10/2020
6/18/2020
9/26/2020
1/4/2021
4/14/2021
7/23/2021
10/31/2021

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	229137
	Action Number: 381842
	Action Type: [REPORT] Alternative Remediation Report (C-141AR)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Thank you for the new drilling data update from the previous year. Additional soil borings were installed to complete vertical and horizontal delineation. Four SVE wells were installed and SVE pilot tests were conducted utilizing a SVE extraction pump. Vacuum was applied for 12 hours on each SVE well, while air removal rates, velocities, and pressures on each well were monitored. Radius of Influence (ROI) was also calculated. Seven 24-hour SVE events were conducted on the SVE wells from installation until Q3 2021. Analytical results were collected including average vapor concentrations and recoveries in gallons. Confirmation borings were installed to compare and gauge the relative effectiveness of the SVE to the original data from 2019.	1/10/2025
rhamlet	Borings were installed to confirm lateral and vertical delineation of TPH, benzene, and BTEX exceedances. Full lateral delineation both at surface and at depth have been achieved. The footprint appears to be approximately 50 feet by 30 feet in the shallower (less than 50' bgs) affected region and the deeper impacts remain limited to an approximately 20 foot by 15 foot span.	1/10/2025
rhamlet	The effectiveness of the SVE events to date as shown by comparison of the confirmation borings (1 through 4) and the adjacent previously documented borings, is unclear. COP will conduct additional evaluation of the use of active SVE at the site. The previously reported SVE radius of influence (ROI) of 35 feet will be confirmed with further data. COP will provide documentation of the additional SVE events in the next summary report. Please keep the OCD advised on the progress of the SVE at the site. The report will be accepted for record and placed in the incident file for future reference. Contact us if you have any questions or concerns.	1/10/2025