



Remediation Summary and Site Closure Request

October 14, 2022

Misti Bryant

Prepared by:
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Copperhead Fee 31E CTB

NMOCD Reference Number:
NAPP2202755160

Prepared For:

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1.0 Introduction and Background Information

TRC Environmental Corporation (TRC), on behalf of ConocoPhillips, LLC (COP), has prepared this *Remediation Summary and Site Closure Request* for the Release Site known as the Copperhead Fee 31E CTB (the Site). The legal description of the Site is Unit Letter "E", Section 31, Township 26 South, Range 29 East, in Eddy County, New Mexico. The subject property is owned by a private landowner. The GPS coordinates for the Site are N 32.001086° W 104.030063. **Figure 1** depicts the site location.

On January 14, 2022, COP discovered a hole in the flex pipe, resulting in a release to the ground surface. Approximately 20.8 barrels (bbls) of produced water was released. No produced water was recovered during initial response activities. The Release affected an area measuring approximately 15,716 square feet (sq ft) of ground surface.

On January 27, 2022, the initial Release Notification and Corrective Action (Form C-141) was submitted to the New Mexico Oil Conservation Division (NMOCD). The Release was assigned an NMOCD Reference number of NAPP2202755160.

Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The closest well is located approximately 2.57 miles Northwest of the site in S27, T26S, R28E and was drilled in 2017. The well has a reported depth to groundwater of 145' feet below ground surface (ft bgs). In addition, the Site is within a medium karst classified area. No surface water was observed within one thousand (1,000) ft of the Release. An aerial map of the Site location is provided as **Figure 2**. The karst designation map is provided as **Figure 3**.

2.0 Site Characterization

To confirm depth to groundwater, a depth to water soil boring was installed by Carmona Resources on January 24, 2022. The 55-foot-deep boring was dry, confirming depth to groundwater beneath the Release Site is greater than 50 feet below ground surface (bgs). Due to the groundwater depth and karst classification, the NMOCD Closure Criteria are as follows for the Copperhead Fee 31E CTB:

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO +DRO).
- Chloride: 10,000 mg/kg



3.0 NMOCD Approved Work Plan

On May 17, 2022, a remediation workplan was submitted to the NMOCD by Carmona Resources on behalf of COP. The approved workplan indicated the second-tier regulatory guidelines were appropriate for this Site.

In the workplan, COP proposed the following, outlined in Figures 4 and 5:

- The areas of S-1 and S-9 (Trench-8) were to be excavated to a depth of 1.5' below the surface.
- The areas of S-3 (Trench-2) and S-7 (Trench-6) were to be excavated to a depth of 2.0' below the surface.
- The areas of S-2 (Trench-1), S-4 (Trench-3), S-5 (Trench-4), S-6 (Trench-5), and S-8 (Trench-7) were to be excavated to a depth of 4.0' below the surface.
- A variance was requested per NMAC 19.15.29.14.A in which five-point composite bottom hole and sidewall samples were to be collected every 400 square feet to confirm the extent of the release had been removed.
- The samples collected were to be analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0.
- A total of 2,312 cubic yards were estimated to be removed and hauled to the closest disposal facility.
- Once excavation activities were concluded, the excavation was to be backfilled with material purchased locally and recontoured to match pre-existing site conditions.

The NMOCD approved the workplan with no additional stipulations. The approved workplan (without its appendices) is provided as **Appendix A**.

4.0 Summary of Soil Remediation Activities

Soil remediation activities commenced on September 29, 2022 at the Site. An onsite geologist field screened for chloride concentrations to guide the excavation activities, both laterally and vertically. The Release footprint, as indicated by the NMOCD approved workplan, was excavated to a depth of approximately 1.5 to 4 ft bgs, and the footprint was laterally extended until chloride field screen results indicated remaining soils were below NMOCD closure criteria. Figure 6 depicts the excavation footprint and the confirmation soil sample locations. All soil was staged on polyvinyl sheeting adjacent to the excavation until it was transported to the R360 Red Bluff facility.

Confirmation soil samples were collected from the sidewalls and floor of the excavation on a one five-point composite soil sample per 400 square foot basis. Each soil sample was submitted to Xenco Eurofins in Midland, TX for TPH analysis by Method 8015M, BTEX analysis by EPA 8021B, and chloride analysis by Method 300.0.



Confirmation floor soil samples CS-1 through CS-40, each named with the associated sample depth, were collected as five-point composite samples from the floor of the excavation. Confirmation sidewall soil samples CS-SW-1 through CS-SW-10, each named with the associated sample depth, were collected as five-point composite samples from the sidewalls of the excavation.

The analytical results indicated each soil sample exhibited TPH and BTEX concentrations below the most stringent NMOCD regulatory guidelines. Soil samples collected from depths shallower than four (4) feet bgs each exhibited chloride concentrations below the most stringent regulatory guidelines to adhere with NMAC 19.15.29.13.D(1). Each soil sample collected from four (4) feet and deeper exhibited chloride concentrations below the NMOCD regulatory guidelines for the Site. Analytical results are summarized in **Table 1**. Photographic documentation of the remediation activities is provided as **Appendix B**. Laboratory analytical packets are provided as **Appendix C**.

After review of all the analytical results, the excavation was backfilled to grade with commercially sourced backfill material. The site was contoured and compacted to meet COP requirements. Approximately 1,740 cubic yards of excavated soil was transported offsite to the R360 Red Bluff facility.

5.0 Site Closure Request

Remediation activities were conducted in accordance with the NMOCD approved workplan and NMOCD regulatory guidelines. Laboratory analytical results from excavation confirmation soil samples indicated TPH, BTEX, and chloride concentrations were below the NMOCD regulatory guidelines in the submitted floor and sidewall sample locations. Soil with chloride concentrations above NMOCD regulatory guidelines, approximately 1,740 cubic yards, was transported to the R360 Red Bluff facility, and the Site was returned to grade with locally sourced non-impacted backfill material. Based on laboratory analytical results and field activities conducted to date, TRC recommends COP provide copies of this Remediation Summary and Site Closure Request to the NMOCD and request closure status to the Copperhead Fee 31E CTB Release Site. The Closure pages of the NMOCD Form C-141 are provided as **Appendix D**.

6.0 Limitation

TRC has prepared this Remediation Summary and Site Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended.

TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC also notes that the facts and conditions referenced in



this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of ConocoPhillips, LLC. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of TRC and/or ConocoPhillips, LLC.

7.0 Distribution

- Copy 1: Mike Bratcher
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210
- Copy 2: Ike Tavaréz
COG Operating, LLC
600 W. Illinois Avenue
Midland, Texas 79701
- Copy 3: TRC Environmental Corporation
10 Desta Dr STE 130E

Copperhead Fee 31E CTB
Table 1 - Confirmation Sample Analytical Results

SAMPLE ID	SAMPLE DEPTH (FT)	SAMPLE DATE	Status (In-Situ vs. Excavated)	Gasoline Range Organics (GRO)- C6-C10 (mg/Kg)	Diesel Range Organics (Over C10-C28) (mg/Kg)	Oil Range Organics (Over C28-C36) (mg/Kg)	Total TPH (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl- benzene (mg/Kg)	Xylenes, Total (mg/Kg)	Total BTEX (mg/Kg)	Chloride (mg/Kg)
NMOCD Standards	-	-		1,000	-	-	2,500	10	-	-	-	50	< 4' bgs - 600 ≥4' bgs 10,000
Floor Confirmation Soil Samples													
CS-1 @ 1.5'	1.5	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	304
CS-2 @ 1.5'	1.5	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	246
CS-3 @ 1.5'	1.5	10/5/22	In-Situ	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	161
CS-4 @ 1.5'	1.5	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	191
CS-5 @ 1.5'	1.5	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	180
CS-6 @ 1.5'	1.5	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	201
CS-7 @ 1.5'	1.5	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	176
CS-8 @ 1.5'	1.5	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	176
CS-9 @ 1.5'	1.5	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	62.1
CS-10 @ 2'	2	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	71.1
CS-11 @ 2'	2	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	66.7
CS-12 @ 2'	2	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	66.1
CS-13 @ 2'	2	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	64.5
CS-14 @ 2'	2	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	66.6
CS-15 @ 2'	2	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	63.6
CS-16 @ 2'	2	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	67.7
CS-17 @ 4'	4	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	685
CS-18 @ 4'	4	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	619
CS-19 @ 4'	4	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	697
CS-20 @ 4'	4	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	721
CS-21 @ 4'	4	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	716
CS-22 @ 4'	4	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	703
CS-23 @ 4'	4	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	713
CS-24 @ 4'	4	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	781
CS-25 @ 4'	4	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	697
CS-26 @ 4'	4	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	697
CS-27 @ 4'	4	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	723
CS-28 @ 4'	4	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	336
CS-29 @ 4'	4	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	352
CS-30 @ 4'	4	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	376
CS-31 @ 1.5'	1.5	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	67.4
CS-32 @ 2'	2	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	67.6
CS-33 @ 2'	2	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	68.8
CS-34 @ 2'	2	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	67.2
CS-35 @ 2'	2	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	35.6
CS-36 @ 2'	2	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	34.0
CS-37 @ 4'	4	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	339
CS-38 @ 4'	4	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	330
CS-39 @ 4'	4	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	346
CS-40 @ 4'	4	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	76.9
CS-41 @ 4'	4	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	349

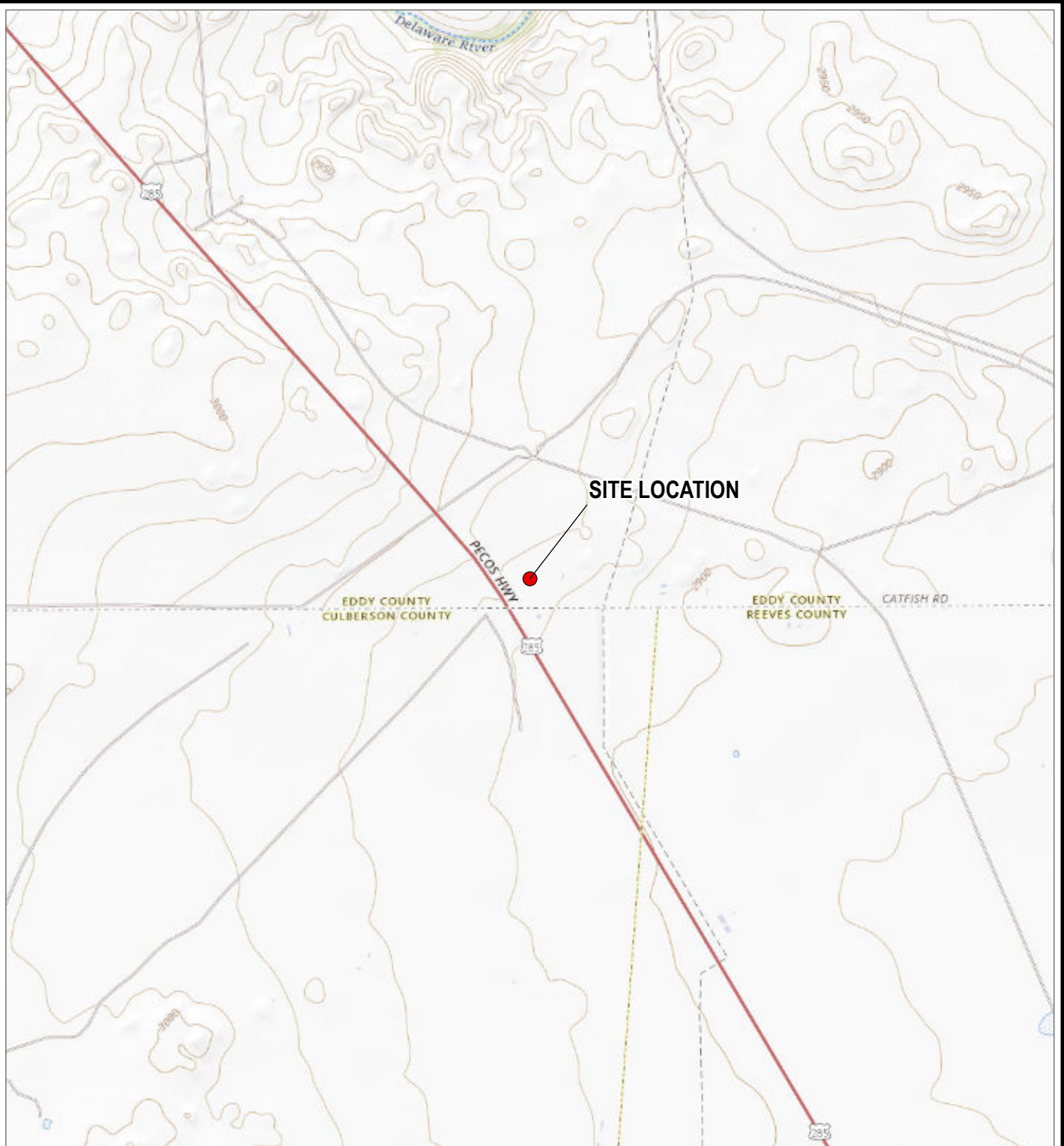
Table 1 - Confirmation Sample Analytical Results

Copperhead Fee 31E CTB
Table 1 - Confirmation Sample Analytical Results

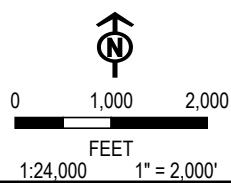
SAMPLE ID	SAMPLE DEPTH (FT)	SAMPLE DATE	Status (In-Situ vs. Excavated)	Gasoline Range Organics (GRO)- C6-C10 (mg/Kg)	Diesel Range Organics (Over C10-C28) (mg/Kg)	Oil Range Organics (Over C28-C36) (mg/Kg)	Total TPH (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl-benzene (mg/Kg)	Xylenes, Total (mg/Kg)	Total BTEX (mg/Kg)	Chloride (mg/Kg)
NMOCD Standards	-	-		1,000		-	2,500	10	-	-	-	50	< 4' bgs - 600 ≥4' bgs 10,000
Sidewall Confirmation Soil Samples													
CS-SW-1 @ 0.75'	0.75	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	222
CS-SW-2 @ 1'	1	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	241
CS-SW-3 @ 2'	2	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	234
CS-SW-4 @ 2'	2	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	0.0022	0.0237	0.0259	233
CS-SW-5 @ 0.75'	0.75	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00736	0.00442	0.0222	0.0340	228
CS-SW-6 @ 2'	2	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	0.00436	0.00855	0.00267	0.0127	0.0283	68.4
CS-SW-7 @ 1'	1	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	0.00637	0.0119	0.00969	0.0186	0.0466	301
CS-SW-8 @ 2'	2	10/5/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00202	0.0109	0.00237	0.0152	0.0284	305
CS-SW-9 @ 2'	2	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	308
CS-SW-10 @ 2'	2	10/5/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	307

- Definitions**
- X** Analyte detected above the detection limit at a concentration equal to X
 - <x** Analyte not detected at detection limit equal to x.
- Abbreviations**
- FT** Feet
 - mg/Kg** Milligrams per Kilogram
 - TPH** Total Petroleum Hydrocarbon
 - BTEX** Benzene, Toluene, Ethylbenzene, and Xylenes
 - NMOCD** New Mexico Oil Conservation District

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET; MAP ROTATION: 0
 - SAVED BY: MHORN ON 10/12/2022, 11:41:21 AM; FILE PATH: T:\PROJECTS\CONOCOPHILLIPS\504048_COPPERHEAD\2-APRXCOPPERHEAD\FEE.APRX; LAYOUT NAME: COPPERHEAD_FIG1.LOC



● SITE LOCATION



BASE MAP: ESRI "USGS QUADRANGLE TOPO" ONLINE SERVICE LAYER.
 DATA SOURCES: TRC

PROJECT: **CONOCOPHILLIPS
 COPPERHEAD FEE 31E CTB
 EDDY COUNTY, NEW MEXICO**

TITLE: **SITE LOCATION MAP**

DRAWN BY: M. HORN PROJ. NO.: 504048.0000.0000

CHECKED BY: J. CRAHAN

APPROVED BY: M. BRYANT

DATE: OCTOBER 2022

FIGURE 1



505 EAST HUNTLAND DRIVE
 SUITE #250
 AUSTIN, TX 78752
 PHONE: 512.329.6080

FILE: COPPERHEADFEE



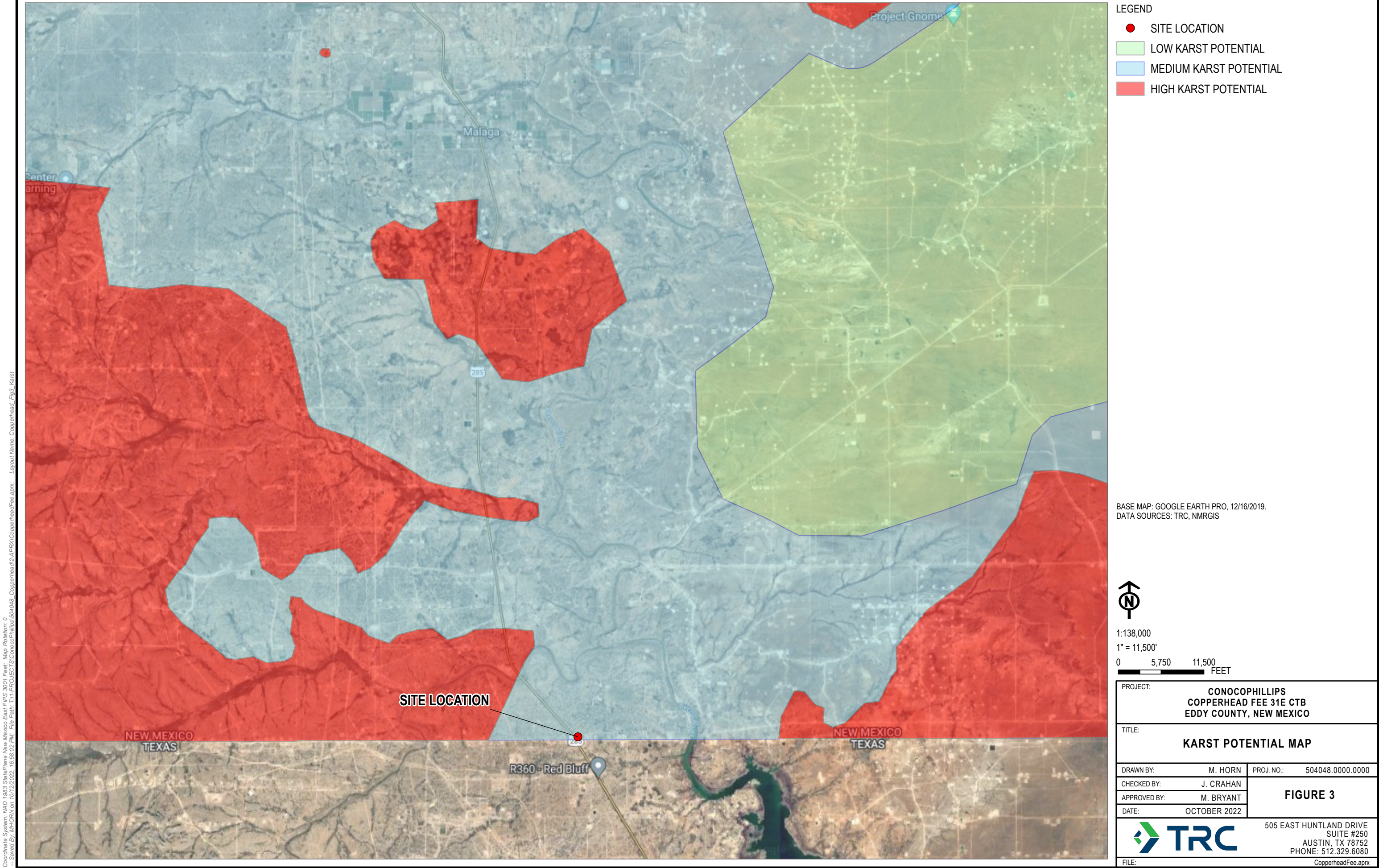
- LEGEND
- SITE LOCATION
 - SOIL BORING
 - 1/2 MILE RADIUS

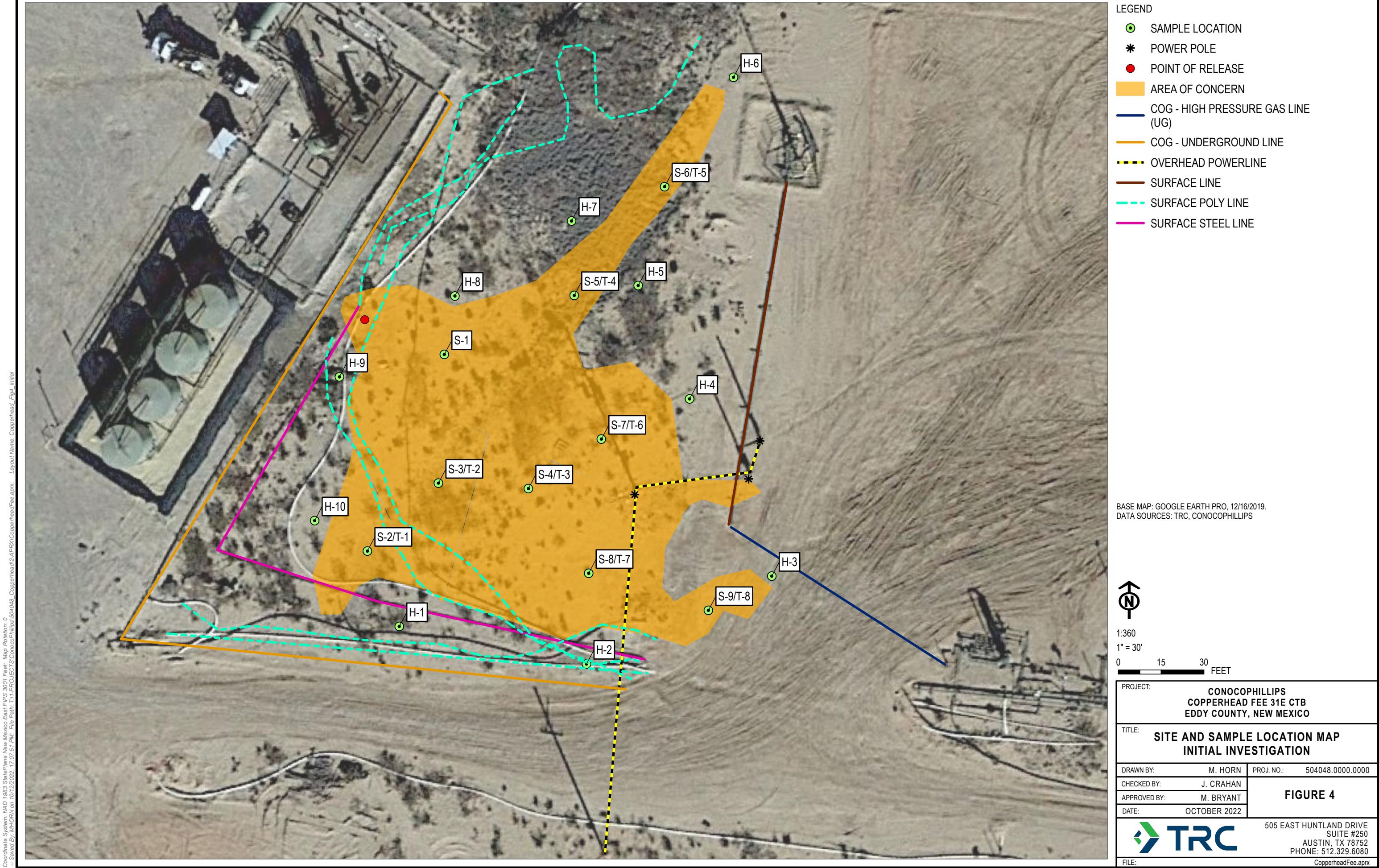
BASE MAP: GOOGLE EARTH PRO, 12/16/2019.
DATA SOURCES: TRC, CONOCOPHILLIPS



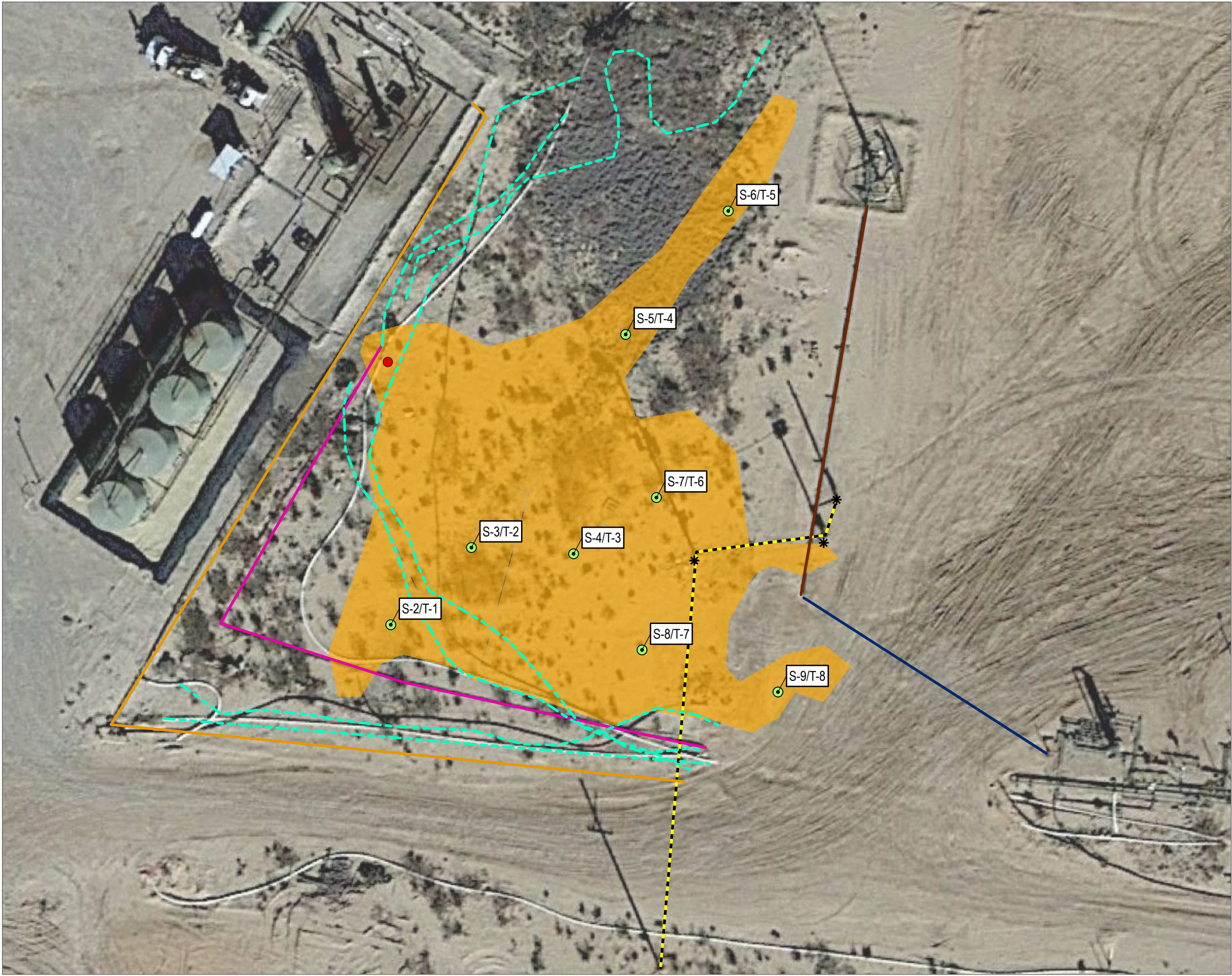
1:8,400
1" = 700'
0 350 700 FEET

PROJECT: CONOCOPHILLIPS COPPERHEAD FEE 31E CTB EDDY COUNTY, NEW MEXICO	
TITLE: AERIAL MAP WITH SITE LOCATION	
DRAWN BY: M. HORN	PROJ. NO.: 504048.0000.0000
CHECKED BY: J. CRAHAN	FIGURE 2
APPROVED BY: M. BRYANT	
DATE: OCTOBER 2022	
 505 EAST HUNTLAND DRIVE SUITE #250 AUSTIN, TX 78752 PHONE: 512.329.6080	
FILE:	CopperheadFee.aprx





Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet, Map Rotation: 0
-- Saved By: MHORN on 10/12/2022, 17:08:39 PM, File Path: T:\1-PROJECTS\ConocoPhillips\504048_Copperhead\2-APR\CopperheadFee.aprx, Layout Name: Copperhead_Fig5_Second



- LEGEND
- SAMPLE LOCATION
 - POWER POLE
 - POINT OF RELEASE
 - AREA OF CONCERN
 - COG - HIGH PRESSURE GAS LINE (UG)
 - COG - UNDERGROUND LINE
 - OVERHEAD POWERLINE
 - SURFACE LINE
 - SURFACE POLY LINE
 - SURFACE STEEL LINE

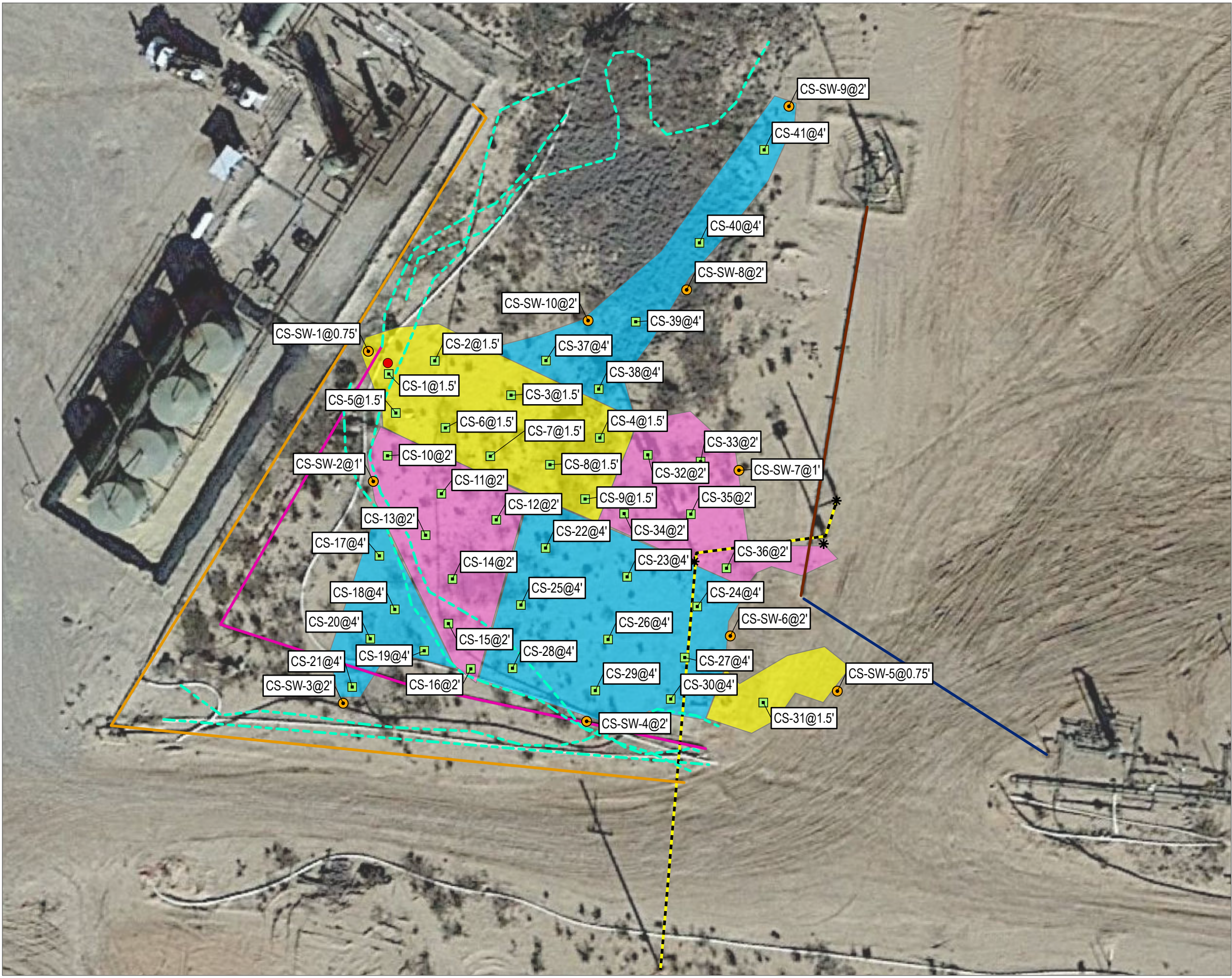
BASE MAP: GOOGLE EARTH PRO, 12/16/2019.
DATA SOURCES: TRC, CONOCOPHILLIPS



1:360
1" = 30'
0 15 30 FEET

PROJECT: CONOCOPHILLIPS COPPERHEAD FEE 31E CTB EDDY COUNTY, NEW MEXICO	
TITLE: SITE AND SAMPLE LOCATION MAP SECONDARY INVESTIGATION	
DRAWN BY: M. HORN	PROJ. NO.: 504048.0000.0000
CHECKED BY: J. CRAHAN	FIGURE 5
APPROVED BY: M. BRYANT	
DATE: OCTOBER 2022	
 505 EAST HUNTLAND DRIVE SUITE #250 AUSTIN, TX 78752 PHONE: 512.329.6080	
FILE: CopperheadFee.aprx	

Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet, Map Rotation: 0
-- Saved By: MHORN on 10/14/2022, 14:19:12 PM, File Path: T:\1-PROJECTS\ConocoPhillips\504048_Copperhead\2-A\PRX\CopperheadFee.aprx, Layout Name: Copperhead_Fig6_Final



- LEGEND
- FLOOR CONFIRMATION SAMPLES
 - SIDEWALL CONFIRMATION SAMPLES
 - POWER POLE
 - POINT OF RELEASE
 - 1.5' EXCAVATION
 - 2' EXCAVATION
 - 4' EXCAVATION
 - COG - HIGH PRESSURE GAS LINE (UG)
 - COG - UNDERGROUND LINE
 - OVERHEAD POWERLINE
 - SURFACE LINE
 - SURFACE POLY LINE
 - SURFACE STEEL LINE

BASE MAP: GOOGLE EARTH PRO, 12/16/2019.
DATA SOURCES: TRC, CONOCOPHILLIPS



1:360
1" = 30'

0 15 30 FEET

PROJECT: CONOCOPHILLIPS COPPERHEAD FEE 31E CTB EDDY COUNTY, NEW MEXICO	
TITLE: SITE AND CONFIRMATION SAMPLE LOCATION MAP	
DRAWN BY: M. HORN	PROJ. NO.: 504048.0000.0000
CHECKED BY: J. CRAHAN	FIGURE 6
APPROVED BY: M. BRYANT	
DATE: OCTOBER 2022	
 505 EAST HUNTLAND DRIVE SUITE #250 AUSTIN, TX 78752 PHONE: 512.329.6080	
FILE: CopperheadFee.aprx	



Appendix A: NMOCD Approved Workplan (without appendices)

CARMONA RESOURCES



SITE INFORMATION

Work Plan
Copperhead Fee 31E CTB (01.14.22)
Eddy County, New Mexico
Unit E Sec 31 T26S R29E
32.001086°, -104.030063°

Produced Water Release
Point of Release: Hole in the flex pipe
Release Date: 01/14/2022
Volume Released: 20.8 barrels of PW
Volume Recovered: 0 barrels

CARMONA RESOURCES



Prepared for:
Concho Operating, LLC
15 West London Road
Loving, New Mexico 88256

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 415
Midland, Texas 79701

310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

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5.0 WORK PLAN PROPOSAL

6.0 SAFETY CONCERNS

7.0 CONCLUSIONS

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APPENDIX C INITIAL C-141 AND WORK PLAN

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS



May 17, 2022

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

**Re: Work Plan
Copperhead Fee 31E CTB (01.14.22)
Concho Operating, LLC
Incident ID NAPP2202755160
Site Location: Unit E, S31, T26S, R29E
(Lat 32.001086°, Long -104.030063°)
Eddy County, New Mexico**

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site activities for Copperhead Fee 31E CTB (01.14.22). The site is located at 32.001086° - 104.030063° within Unit E, S31, T26S, R29E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 14, 2022, due to a hole in the flex pipe. It resulted in approximately twenty point eight (20.8) barrels of produced water. Zero (0) barrels of produced water were recovered. See figure 3. The initial C-141 form is attached in Appendix A.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The closest well is located approximately 2.57 miles Northwest of the site in S27, T26S, R28E and was drilled in 2017. The well has a reported depth to groundwater of 145' feet below ground surface (ft bgs). A copy of the associated USGS – *National Water Information System* report is attached in Appendix D.

On April 25, 2022, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 55' below ground surface and within a 0.50-mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 55' below the surface. The coordinates for the groundwater determination bore are 32.016146°, -104.021411. See Appendix D for the log.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.

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432.813.1992

- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 10,000 mg/kg

4.0 Site Assessment Activities

On January 25, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical and horizontal extent, a total of nineteen (19) sample points were advanced to depths ranging from surface – 3.5' bgs inside and surrounding the release area. See Figure 3 for the soil sample locations.

For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix C. See Table 1 for the analytical results.

Referring to Table 1, the areas of (S1 through S-9) showed TPH, benzene, and total BTEX below the reporting limits. Horizontal samples were taken (H-1 through H-10) and showed TPH, benzene, total BTEX, and chloride below the reporting limits. The area of S-1 showed a high chloride concentration of 3,650 mg/kg at surface to 1.0' bgs, then declined with depth. The areas of S-2 through S-9 showed chloride concentrations ranging from 59.2 mg/kg to 12,700 mg/kg.

Trenches

On February 1, 2022, Carmona Resources personnel were on site to vertically define the release. A total of eight (8) trenches (T-1 through T-8) were installed to total depths ranging from surface to 7 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix A.

The results of the sampling are summarized in Table 1. See Figure 3 for the sample locations.

5.0 Work Plan Proposal

Based on the analytical data and the detected TPH and chloride concentrations. COG proposes to remediate the areas as shown in Figure 4 and highlighted (blue) in Table 1.

- The areas of S-1 and S-9 (Trench-8) will be excavated to a depth of 1.5' below the surface and backfilled with clean material to surface grade.
- The areas of S-3 (Trench-2) and S-7 (Trench-6) will be excavated to a depth of 2.0' below the surface and backfilled with clean material to surface grade.



- The areas of S-2 (Trench-1), S-4 (Trench-3), S-5 (Trench-4), S-6 (Trench-5), and S-8 (Trench-7) will be excavated to a depth of 4.0' below the surface and backfilled with clean material to surface grade.
- A variance is requested per 19.15.29.14. A NMAC, Five-point composite bottom hole and sidewall samples will be collected every 400 square feet to represent the release area.
- The samples collected will be analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0.
- A total of 2,312 cubic yards is estimated to be removed and hauled to the closest disposal facility.
- The remediation will be implemented 90 days after the work plan is approved. Once the site activities and remediation are complete, the areas will be backfilled with clean material to surface grade.

6.0 Safety Concerns

Impacted soil around oil and gas equipment, structures, or lines may not be removed during remediation activities due to the safety concerns for the onsite personnel. COG recognizes that offsite impacts can't be deferred to meet the 19.15.29.1(C)(2) NMAC criteria. However, COG will excavate the impacted soils to the maximum extent possible.

7.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, don't hesitate to contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

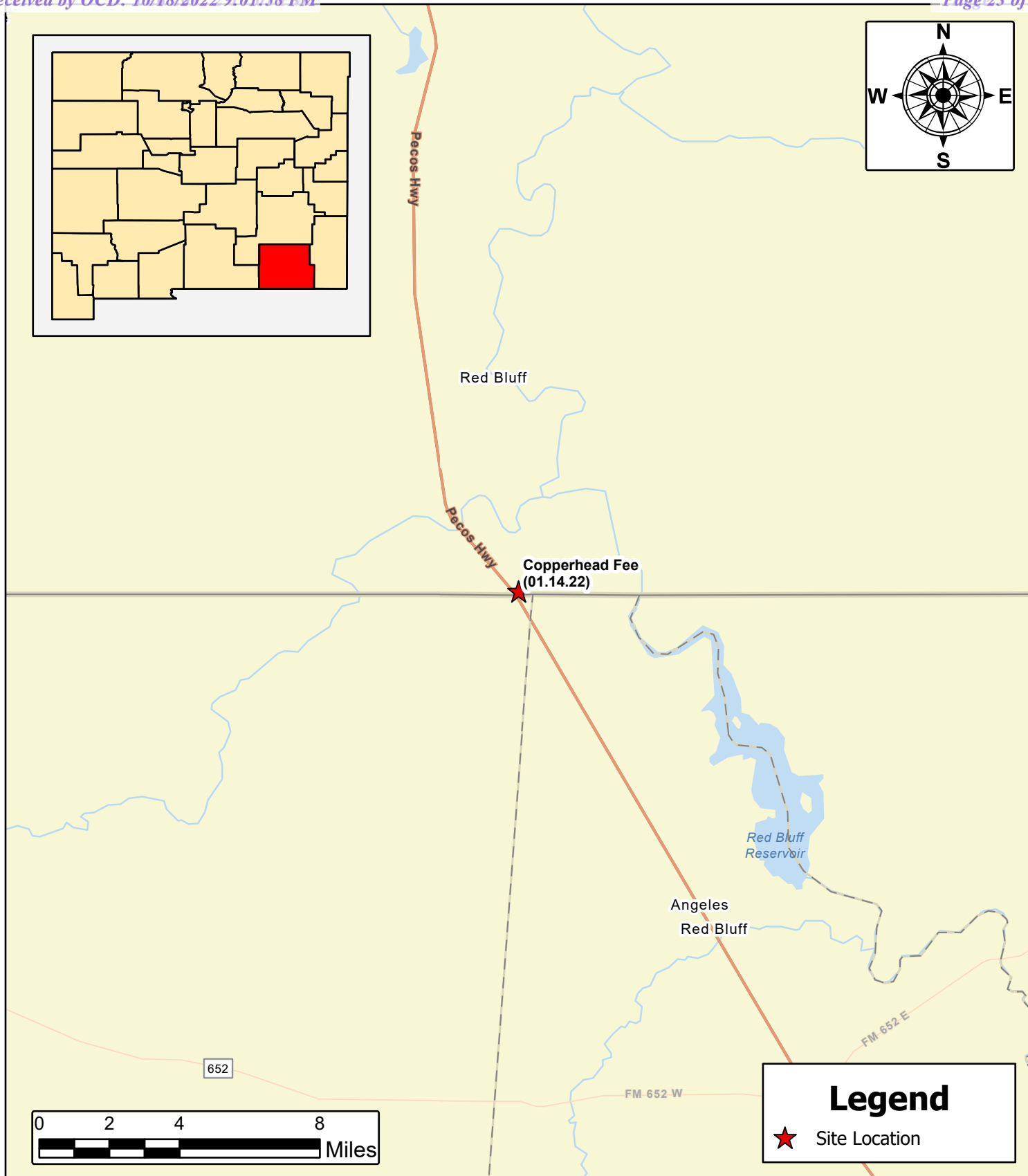
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES





OVERVIEW MAP
COG OPERATING
 COPPERHEAD FEE (01.14.22)
 EDDY COUNTY, NEW MEXICO
 32.001086, -104.030063

SCALE: As Shown

Date: 2/10/2022



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

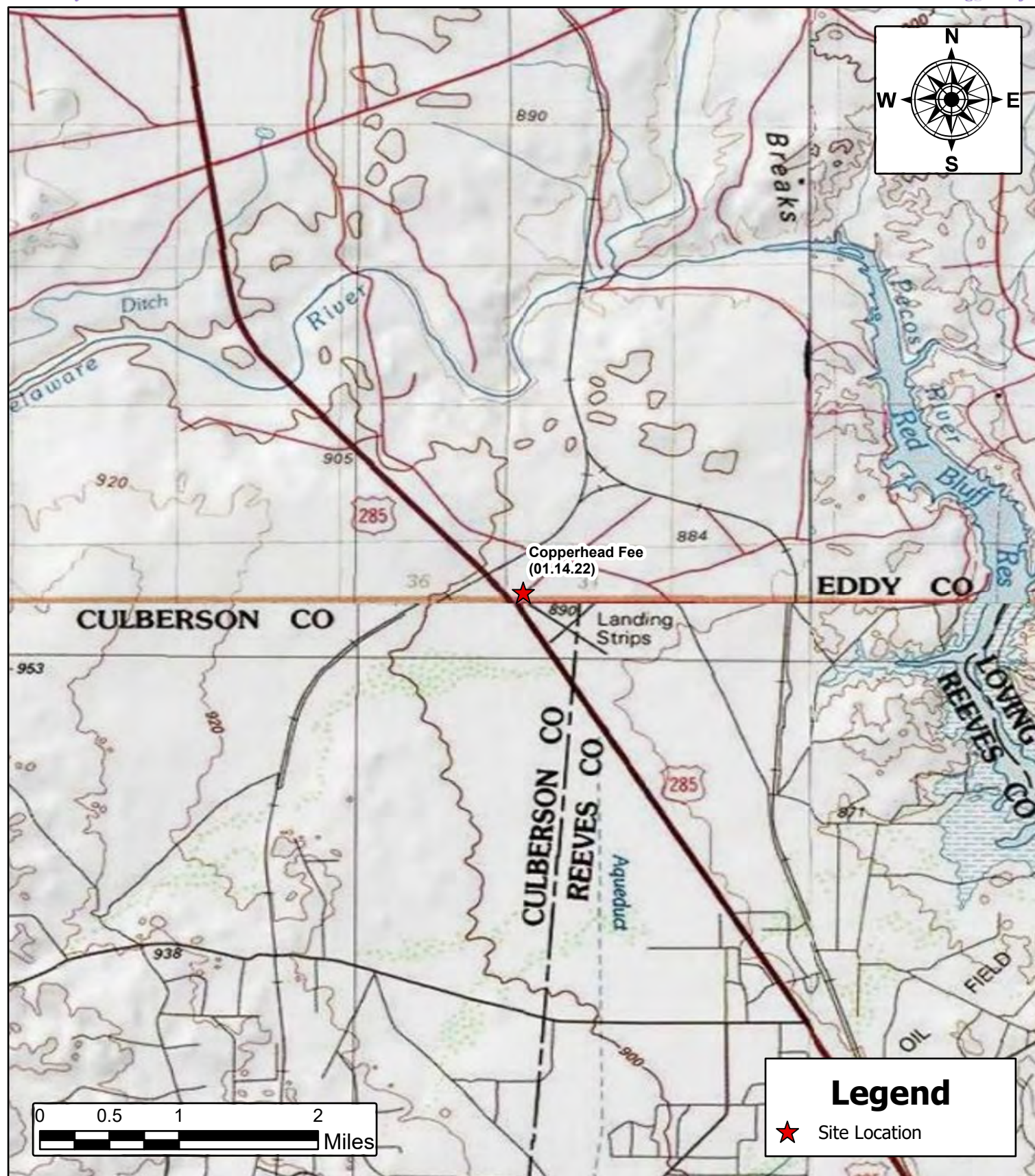
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1



**TOPO MAP
COG OPERATING
COPPERHEAD FEE (01.14.22)
EDDY COUNTY, NEW MEXICO
32.001086, -104.030063**

SCALE: As Shown

Date: 2/10/2022



Carmona Resources
310 West Wall Street, Suite 415
Midland, Texas 79701

NOTES:

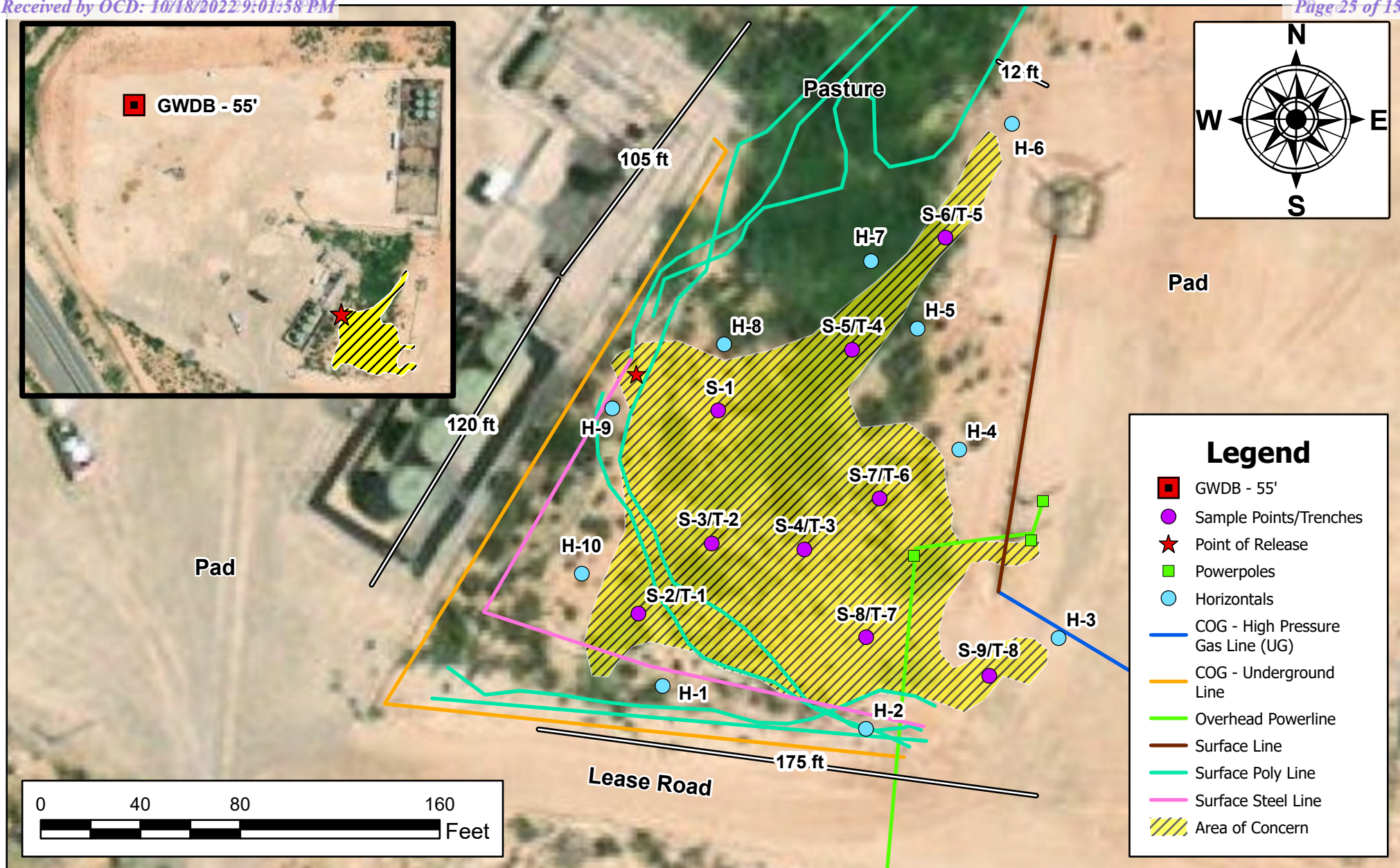
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



SAMPLE LOCATION MAP
COG OPERATING
 COPPERHEAD FEE 31E CTB (01.14.22)
 EDDY COUNTY, NEW MEXICO
 32.001086 -104.030063

SCALE: As Shown

Date: 5/15/2022



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

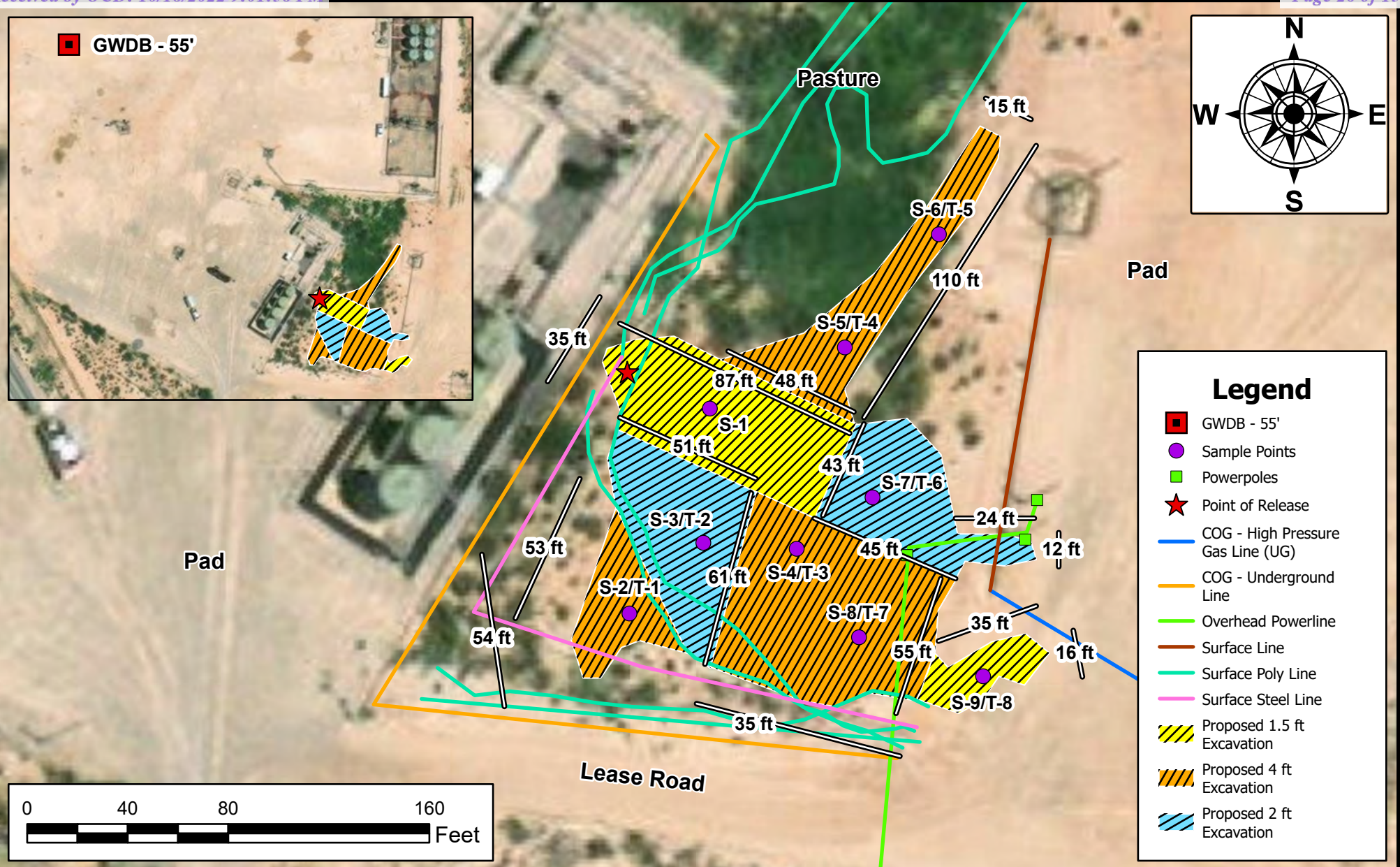
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



PROPOSED EXCAVATION DEPTH MAP
COG OPERATING
 COPPERHEAD FEE 31E CTB (01.14.22)
 EDDY COUNTY, NEW MEXICO
 32.001086 -104.030063

SCALE: As Shown

Date: 5/15/2022

Released to Imaging: 11/16/2022 2:08:51 PM



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

APPENDIX A

CARMONA RESOURCES



Table 1
COG
Copperhead Fee (01.4.22)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,650
	"	1-1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	155
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	149
	"	3-3.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	334
S-2	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00398	<0.00399	11,400
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00369	<0.00199	<0.00398	<0.00398	12,700
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12,300
T-1	2/1/2022	0-1	71.2	447	<49.9	518	<0.00200	<0.00200	0.00313	0.00415	0.00728	35,100
	"	1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00401	10,900
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,150
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,560
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	741
	"	5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	809
	"	6	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	61.5
S-3	1/25/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,090
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,050
T-2	2/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13,000
	"	1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,510
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	194
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	11.7
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	30.9
S-4	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.99081	0.00919	5,910
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,180
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,720
T-3	2/1/2022	0-1	<50.0	118	<50.0	118	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	16,000
	"	1	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,970
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,620
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6,500
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,300
	"	5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	4,380
	"	6	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,010
S-5	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	0.0118	0.0118	5,450
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00315	<0.00199	0.0251	0.0283	8,800
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7,930
T-4	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	22,600
	"	1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,070
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,490
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,690
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,140
	"	5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,180
	"	6	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,270
Regulatory Criteria ^A				1,000 mg/kg		2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(T) Trench

 Proposed Excavation

Table 1
COG
Copperhead Fee (01.4.22)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			GRO	DRO	MRO	Total							
S-6	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	8,440	
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00198	0.0025	<0.00198	<0.00397	<0.00397	9,230	
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00275	<0.00200	<0.00401	<0.00401	7,790	
T-5	2/1/2022	0-1	52.9	<50.0	<50.0	52.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	25,000	
	"	1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7,480	
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,680	
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,640	
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,320	
	"	5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,920	
	"	6	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	55.2	
S-7	1/25/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,220	
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00404	<0.00404	2,070	
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	59.2	
T-6	2/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,340	
	"	1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	756	
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.7	
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	10.7	
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7.27	
S-8	1/25/2022	0-1	<49.9	58.9	<49.9	58.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,410	
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,200	
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,240	
	"	3-3.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	961	
T-7	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20,000	
	"	1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,880	
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	695	
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.99	
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.80	
S-9	1/25/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9,250	
T-8	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	24,400	
	"	1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,060	
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	104	
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	39.5	
H-1	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	324	
H-2	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	234	
H-3	1/25/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	251	
H-4	1/25/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	248	
H-5	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	243	
H-6	1/25/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	307	
H-7	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	381	
H-8	1/25/2022	0-1	<49.9	<49.9	<49.9	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	289	
H-9	1/25/2022	0-1	<49.9	<49.9	<49.9	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	116	
H-10	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	124	
Regulatory Criteria ^A			1,000 mg/kg				2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(H) Horizontal

(T) Trench

 Proposed Excavation

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View North, area of the Point of Release.



Photograph No. 2

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View Southeast, area of Sample Point (1).



Photograph No. 3

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View Northwest, Area of Sample Point (2) & Trench (1).



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View North, area of Sample Point (3), and Trench (2).



Photograph No. 5

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View North, area of Sample Point (4), and Trench (3).



Photograph No. 6

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View North, area of Sample Point (5), and Trench (4).



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 7

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View Southwest, area of Sample Point (6), and Trench (5).



Photograph No. 8

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View South, area of Sample Point (7), and Trench (6).



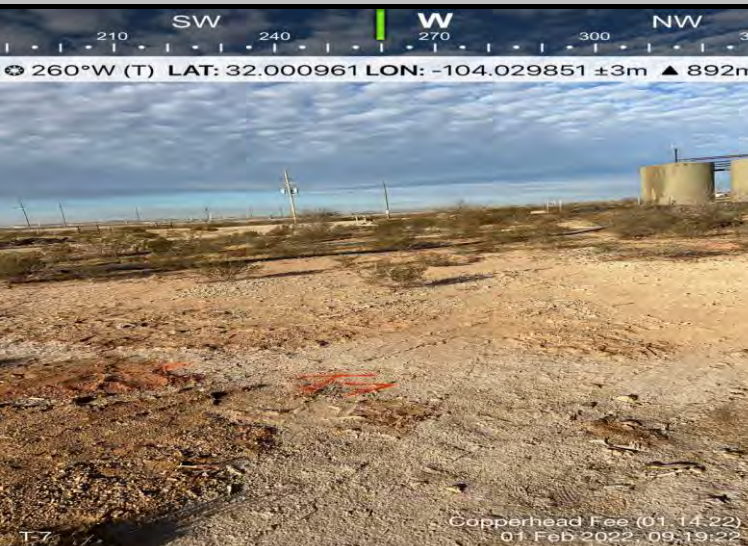
Photograph No. 9

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View West, area of Sample Point (8), and Trench (7).



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 7

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View North, area of Sample Point (9), and Trench (8).



Photograph No. 8

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View North, of the Groundwater Determination Bore after installation





Appendix B: Photographic Documentation

Copperhead Fee 31E CTB

Date: 10/13/2022

Photographic Documentation

Photograph No. 1

Date:

7/28/2022

Direction:

East

Description:

View of Release
area.



Photograph No. 2

Date:

7/28/2022

Direction:

Southeast

Description:

View of Release
area.



Copperhead Fee 31E CTB

Date: 10/13/2022

Photographic Documentation

Photograph No. 3

Date:

7/28/2022

Direction:

Southwest

Description:

View of Release
area.



Photograph No. 4

Date:

7/28/2022

Direction:

Northwest

Description:

View of Release
area.



Copperhead Fee 31E CTB

Date: 10/13/2022

Photographic Documentation

Photograph No. 5

Date:

10/7/2022

Direction:

Northeast

Description:

View of
excavation
activities.



Photograph No. 6

Date:

10/7/2022

Direction:

Northwest

Description:

View of
excavation
activities.



Copperhead Fee 31E CTB

Date: 10/13/2022

Photographic Documentation

Photograph No. 7

Date:

10/7/2022

Direction:

Northwest

Description:

**View of
excavation
activities.**



Photograph No. 8

Date:

10/7/2022

Direction:

West

Description:

**View of
excavation
activities.**



Copperhead Fee 31E CTB

Date: 10/13/2022

Photographic Documentation

Photograph No. 9

Date:

10/7/2022

Direction:

North

Description:

View of stockpile.



Photograph No. 10

Date:

10/12/2022

Direction:

Northeast

Description:

**View of
remediated area.**



Copperhead Fee 31E CTB

Date: 10/13/2022

Photographic Documentation

Photograph No.

11

Date:

10/12/2022

Direction:

Northwest

Description:

**View of
remediated area.**



Photograph No.

12

Date:

10/12/2022

Direction:

Southwest

Description:

**View of
remediated area.**





Appendix C: Laboratory Analytical Data



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-19973-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Copperhead Fee 31E CTB

For:

TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Attn: Jared Stoffel

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:

10/8/2022 8:39:49 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Laboratory Job ID: 880-19973-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

Eurofins Midland

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Job ID: 880-19973-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-19973-1

Receipt

The samples were received on 10/5/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-SW-1 @ 0.75' (880-19973-1), CS-SW-2 @ 1' (880-19973-2), CS-SW-3 @ 2' (880-19973-3), CS-SW-4 @ 2' (880-19973-4), CS-SW-5 @ 0.75' (880-19973-5), CS-SW-6 @ 2' (880-19973-6), CS-SW-7 @ 1' (880-19973-7), CS-SW-8 @ 2' (880-19973-8), CS-SW-9 @ 2' (880-19973-9), CS-SW-10 @ 2' (880-19973-10), CS-1 @ 1.5' (880-19973-11), CS-2 @ 1.5' (880-19973-12), CS-3 @ 1.5' (880-19973-13), CS-4 @ 1.5' (880-19973-14), CS-5 @ 1.5' (880-19973-15), CS-6 @ 1.5' (880-19973-16), CS-7 @ 1.5' (880-19973-17), CS-8 @ 1.5' (880-19973-18), CS-9 @ 1.5' (880-19973-19), CS-10 @ 2' (880-19973-20), CS-11 @ 2' (880-19973-21), CS-12 @ 2' (880-19973-22), CS-13 @ 2' (880-19973-23), CS-14 @ 2' (880-19973-24), CS-15 @ 2' (880-19973-25), CS-16 @ 2' (880-19973-26), CS-17 @ 4' (880-19973-27), CS-18 @ 4' (880-19973-28), CS-19 @ 4' (880-19973-29), CS-20 @ 4' (880-19973-30), CS-21 @ 4' (880-19973-31), CS-22 @ 4' (880-19973-32), CS-23 @ 4' (880-19973-33), CS-24 @ 4' (880-19973-34), CS-25 @ 4' (880-19973-35), CS-26 @ 4' (880-19973-36), CS-27 @ 4' (880-19973-37), CS-28 @ 4' (880-19973-38), CS-29 @ 4' (880-19973-39), CS-30 @ 4' (880-19973-40), CS-31 @ 1.5' (880-19973-41), CS-32 @ 2' (880-19973-42), CS-33 @ 2' (880-19973-43), CS-34 @ 2' (880-19973-44), CS-35 @ 2' (880-19973-45), CS-36 @ 2' (880-19973-46), CS-37 @ 4' (880-19973-47), CS-38 @ 4' (880-19973-48), CS-39 @ 4' (880-19973-49), CS-40 @ 4' (880-19973-50) and CS-41 @ 4' (880-19973-51).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-SW-1 @ 0.75' (880-19973-1). 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 preparation batch 880-36203 and analytical batch 880-36225 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 laboratory control sample (LCS) associated with preparation batch 880-36259 and analytical batch 880-36230 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike (MS) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-36259 and analytical batch 880-36230 were outside control limits. Non-homogeneity is suspected.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-SW-5 @ 0.75' (880-19973-5), CS-SW-6 @ 2' (880-19973-6) and CS-SW-7 @ 1' (880-19973-7). 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 for preparation batch 880-36328 and analytical batch 880-36341 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-36328 and analytical batch 880-36341 recovered outside control limits for the following analytes: Benzene.

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 880-36177 and analytical batch 880-36115 was outside the upper control limits.

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Job ID: 880-19973-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-SW-8 @ 2' (880-19973-8). 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: CS-6 @ 1.5' (880-19973-16). 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: CS-34 @ 2' (880-19973-44). 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 880-36186 and analytical batch 880-36113 was outside the upper control 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 880-36174 and analytical batch 880-36196 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: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-SW-1 @ 0.75'

Lab Sample ID: 880-19973-1

Date Collected: 10/04/22 08:00

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 0.75'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F2 F1	0.00201	mg/Kg		10/05/22 16:37	10/06/22 10:36	1
Toluene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:37	10/06/22 10:36	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:37	10/06/22 10:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		10/05/22 16:37	10/06/22 10:36	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:37	10/06/22 10:36	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		10/05/22 16:37	10/06/22 10:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	10/05/22 16:37	10/06/22 10:36	1
1,4-Difluorobenzene (Surr)	61	S1-	70 - 130	10/05/22 16:37	10/06/22 10:36	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			10/06/22 15:04	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/05/22 22:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/05/22 22:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/05/22 22:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	10/05/22 11:42	10/05/22 22:20	1
o-Terphenyl	110		70 - 130	10/05/22 11:42	10/05/22 22:20	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		5.03	mg/Kg			10/06/22 00:59	1

Client Sample ID: CS-SW-2 @ 1'

Lab Sample ID: 880-19973-2

Date Collected: 10/04/22 08:05

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1'

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		10/06/22 10:45	10/06/22 13:50	1
Toluene	<0.00201	U *- F1	0.00201	mg/Kg		10/06/22 10:45	10/06/22 13:50	1
Ethylbenzene	<0.00201	U *- F1	0.00201	mg/Kg		10/06/22 10:45	10/06/22 13:50	1
m-Xylene & p-Xylene	<0.00402	U *- F1	0.00402	mg/Kg		10/06/22 10:45	10/06/22 13:50	1
o-Xylene	<0.00201	U *- F1	0.00201	mg/Kg		10/06/22 10:45	10/06/22 13:50	1
Xylenes, Total	<0.00402	U *- F1	0.00402	mg/Kg		10/06/22 10:45	10/06/22 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	10/06/22 10:45	10/06/22 13:50	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-SW-2 @ 1'

Lab Sample ID: 880-19973-2

Date Collected: 10/04/22 08:05

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	78		70 - 130	10/06/22 10:45	10/06/22 13:50	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			10/06/22 15:04	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/05/22 23:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/05/22 23:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/05/22 23:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			10/05/22 11:42	10/05/22 23:25	1
o-Terphenyl	108		70 - 130			10/05/22 11:42	10/05/22 23:25	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	241		4.96	mg/Kg			10/06/22 01:22	1

Client Sample ID: CS-SW-3 @ 2'

Lab Sample ID: 880-19973-3

Date Collected: 10/04/22 08:10

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/06/22 10:45	10/06/22 14:31	1
Toluene	<0.00200	U *	0.00200	mg/Kg		10/06/22 10:45	10/06/22 14:31	1
Ethylbenzene	<0.00200	U *	0.00200	mg/Kg		10/06/22 10:45	10/06/22 14:31	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399	mg/Kg		10/06/22 10:45	10/06/22 14:31	1
o-Xylene	<0.00200	U *	0.00200	mg/Kg		10/06/22 10:45	10/06/22 14:31	1
Xylenes, Total	<0.00399	U *	0.00399	mg/Kg		10/06/22 10:45	10/06/22 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/06/22 10:45	10/06/22 14:31	1
1,4-Difluorobenzene (Surr)	90		70 - 130	10/06/22 10:45	10/06/22 14:31	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			10/06/22 15:04	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			10/06/22 10:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-SW-3 @ 2'

Lab Sample ID: 880-19973-3

Date Collected: 10/04/22 08:10

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

Method: 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		10/05/22 11:42	10/05/22 23:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/05/22 23:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/05/22 23:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			10/05/22 11:42	10/05/22 23:46	1
o-Terphenyl	104		70 - 130			10/05/22 11:42	10/05/22 23:46	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	234		5.05	mg/Kg			10/06/22 01:30	1

Client Sample ID: CS-SW-4 @ 2'

Lab Sample ID: 880-19973-4

Date Collected: 10/04/22 08:15

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/06/22 10:45	10/06/22 14:52	1
Toluene	<0.00198	U *	0.00198	mg/Kg		10/06/22 10:45	10/06/22 14:52	1
Ethylbenzene	0.00220	*-	0.00198	mg/Kg		10/06/22 10:45	10/06/22 14:52	1
m-Xylene & p-Xylene	0.00432	*-	0.00396	mg/Kg		10/06/22 10:45	10/06/22 14:52	1
o-Xylene	0.0194	*-	0.00198	mg/Kg		10/06/22 10:45	10/06/22 14:52	1
Xylenes, Total	0.0237	*-	0.00396	mg/Kg		10/06/22 10:45	10/06/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130			10/06/22 10:45	10/06/22 14:52	1
1,4-Difluorobenzene (Surr)	125		70 - 130			10/06/22 10:45	10/06/22 14:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0259		0.00396	mg/Kg			10/06/22 15:04	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 00:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 00:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 00:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			10/05/22 11:42	10/06/22 00:07	1
o-Terphenyl	107		70 - 130			10/05/22 11:42	10/06/22 00:07	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-SW-4 @ 2'

Lab Sample ID: 880-19973-4

Date Collected: 10/04/22 08:15

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	233		5.03	mg/Kg			10/06/22 01:37	1

Client Sample ID: CS-SW-5 @ 0.75'

Lab Sample ID: 880-19973-5

Date Collected: 10/04/22 08:20

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 0.75'

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		10/06/22 10:45	10/06/22 15:12	1
Toluene	0.00736	*-	0.00199	mg/Kg		10/06/22 10:45	10/06/22 15:12	1
Ethylbenzene	0.00442	*-	0.00199	mg/Kg		10/06/22 10:45	10/06/22 15:12	1
m-Xylene & p-Xylene	0.00940	*-	0.00398	mg/Kg		10/06/22 10:45	10/06/22 15:12	1
o-Xylene	0.0128	*-	0.00199	mg/Kg		10/06/22 10:45	10/06/22 15:12	1
Xylenes, Total	0.0222	*-	0.00398	mg/Kg		10/06/22 10:45	10/06/22 15:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130			10/06/22 10:45	10/06/22 15:12	1
1,4-Difluorobenzene (Surr)	118		70 - 130			10/06/22 10:45	10/06/22 15:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0340		0.00398	mg/Kg			10/06/22 15:04	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 00:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 00:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 00:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130			10/05/22 11:42	10/06/22 00:28	1
o-Terphenyl	110		70 - 130			10/05/22 11:42	10/06/22 00:28	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		5.02	mg/Kg			10/06/22 01:45	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-SW-6 @ 2'

Lab Sample ID: 880-19973-6

Date Collected: 10/04/22 08:25

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00436	*-	0.00200	mg/Kg	-	10/06/22 10:45	10/06/22 15:33	1
Toluene	0.00855	*-	0.00200	mg/Kg	-	10/06/22 10:45	10/06/22 15:33	1
Ethylbenzene	0.00267	*-	0.00200	mg/Kg	-	10/06/22 10:45	10/06/22 15:33	1
m-Xylene & p-Xylene	0.00640	*-	0.00400	mg/Kg	-	10/06/22 10:45	10/06/22 15:33	1
o-Xylene	0.00629	*-	0.00200	mg/Kg	-	10/06/22 10:45	10/06/22 15:33	1
Xylenes, Total	0.0127	*-	0.00400	mg/Kg	-	10/06/22 10:45	10/06/22 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	10/06/22 10:45	10/06/22 15:33	1
1,4-Difluorobenzene (Surr)	127		70 - 130	10/06/22 10:45	10/06/22 15:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0283		0.00400	mg/Kg	-		10/06/22 15:04	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	-		10/06/22 10:34	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	<50.0	U	50.0	mg/Kg	-	10/05/22 11:42	10/06/22 00:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg	-	10/05/22 11:42	10/06/22 00:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg	-	10/05/22 11:42	10/06/22 00:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	10/05/22 11:42	10/06/22 00:50	1
o-Terphenyl	121		70 - 130	10/05/22 11:42	10/06/22 00:50	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.4		4.99	mg/Kg	-		10/06/22 02:08	1

Client Sample ID: CS-SW-7 @ 1'

Lab Sample ID: 880-19973-7

Date Collected: 10/04/22 08:30

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00637	*-	0.00201	mg/Kg	-	10/06/22 10:45	10/06/22 15:53	1
Toluene	0.0119	*-	0.00201	mg/Kg	-	10/06/22 10:45	10/06/22 15:53	1
Ethylbenzene	0.00969	*-	0.00201	mg/Kg	-	10/06/22 10:45	10/06/22 15:53	1
m-Xylene & p-Xylene	0.0141	*-	0.00402	mg/Kg	-	10/06/22 10:45	10/06/22 15:53	1
o-Xylene	0.00451	*-	0.00201	mg/Kg	-	10/06/22 10:45	10/06/22 15:53	1
Xylenes, Total	0.0186	*-	0.00402	mg/Kg	-	10/06/22 10:45	10/06/22 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/06/22 10:45	10/06/22 15:53	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-SW-7 @ 1'

Lab Sample ID: 880-19973-7

Date Collected: 10/04/22 08:30

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130	10/06/22 10:45	10/06/22 15:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0466		0.00402	mg/Kg			10/06/22 15:04	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 01:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 01:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 01:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130			10/05/22 11:42	10/06/22 01:11	1
o-Terphenyl	117		70 - 130			10/05/22 11:42	10/06/22 01:11	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	301		4.97	mg/Kg			10/06/22 02:16	1

Client Sample ID: CS-SW-8 @ 2'

Lab Sample ID: 880-19973-8

Date Collected: 10/04/22 07:35

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/06/22 10:45	10/06/22 16:13	1
Toluene	0.0109	*-	0.00202	mg/Kg		10/06/22 10:45	10/06/22 16:13	1
Ethylbenzene	0.00237	*-	0.00202	mg/Kg		10/06/22 10:45	10/06/22 16:13	1
m-Xylene & p-Xylene	0.00884	*-	0.00403	mg/Kg		10/06/22 10:45	10/06/22 16:13	1
o-Xylene	0.00631	*-	0.00202	mg/Kg		10/06/22 10:45	10/06/22 16:13	1
Xylenes, Total	0.0152	*-	0.00403	mg/Kg		10/06/22 10:45	10/06/22 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/06/22 10:45	10/06/22 16:13	1
1,4-Difluorobenzene (Surr)	108		70 - 130	10/06/22 10:45	10/06/22 16:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0284		0.00403	mg/Kg			10/06/22 15:04	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			10/06/22 10:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-SW-8 @ 2'

Lab Sample ID: 880-19973-8

Date Collected: 10/04/22 07:35

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

Method: 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		10/05/22 11:42	10/06/22 01:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/06/22 01:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/06/22 01:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130			10/05/22 11:42	10/06/22 01:31	1
o-Terphenyl	131	S1+	70 - 130			10/05/22 11:42	10/06/22 01:31	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	305		5.04	mg/Kg			10/06/22 02:24	1

Client Sample ID: CS-SW-9 @ 2'

Lab Sample ID: 880-19973-9

Date Collected: 10/04/22 08:40

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *1	0.00200	mg/Kg		10/07/22 08:23	10/07/22 16:02	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/07/22 08:23	10/07/22 16:02	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/07/22 08:23	10/07/22 16:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		10/07/22 08:23	10/07/22 16:02	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/07/22 08:23	10/07/22 16:02	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		10/07/22 08:23	10/07/22 16:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			10/07/22 08:23	10/07/22 16:02	1
1,4-Difluorobenzene (Surr)	111		70 - 130			10/07/22 08:23	10/07/22 16:02	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 01:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 01:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 01:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			10/05/22 11:42	10/06/22 01:53	1
o-Terphenyl	107		70 - 130			10/05/22 11:42	10/06/22 01:53	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-SW-9 @ 2'

Lab Sample ID: 880-19973-9

Date Collected: 10/04/22 08:40

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	308		5.05	mg/Kg			10/06/22 02:31	1

Client Sample ID: CS-SW-10 @ 2'

Lab Sample ID: 880-19973-10

Date Collected: 10/04/22 08:45

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:47	10/06/22 13:40	1
Toluene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:47	10/06/22 13:40	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:47	10/06/22 13:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		10/05/22 16:47	10/06/22 13:40	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:47	10/06/22 13:40	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		10/05/22 16:47	10/06/22 13:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130			10/05/22 16:47	10/06/22 13:40	1
1,4-Difluorobenzene (Surr)	107		70 - 130			10/05/22 16:47	10/06/22 13:40	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			10/06/22 15:04	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 02:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 02:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 02:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			10/05/22 11:42	10/06/22 02:14	1
o-Terphenyl	108		70 - 130			10/05/22 11:42	10/06/22 02:14	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	307		5.00	mg/Kg			10/06/22 02:39	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 @ 1.5'

Lab Sample ID: 880-19973-11

Date Collected: 10/04/22 09:00

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

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		10/05/22 16:47	10/06/22 14:01	1
Toluene	<0.00198	U	0.00198	mg/Kg		10/05/22 16:47	10/06/22 14:01	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		10/05/22 16:47	10/06/22 14:01	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		10/05/22 16:47	10/06/22 14:01	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		10/05/22 16:47	10/06/22 14:01	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		10/05/22 16:47	10/06/22 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	10/05/22 16:47	10/06/22 14:01	1
1,4-Difluorobenzene (Surr)	106		70 - 130	10/05/22 16:47	10/06/22 14:01	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			10/06/22 15:04	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 02:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 02:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	10/05/22 11:42	10/06/22 02:56	1
o-Terphenyl	112		70 - 130	10/05/22 11:42	10/06/22 02:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	304		4.96	mg/Kg			10/06/22 02:47	1

Client Sample ID: CS-2 @ 1.5'

Lab Sample ID: 880-19973-12

Date Collected: 10/04/22 09:05

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

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		10/05/22 16:47	10/06/22 14:21	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 14:21	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 14:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		10/05/22 16:47	10/06/22 14:21	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 14:21	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		10/05/22 16:47	10/06/22 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	10/05/22 16:47	10/06/22 14:21	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-2 @ 1.5'

Lab Sample ID: 880-19973-12

Date Collected: 10/04/22 09:05

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	10/05/22 16:47	10/06/22 14:21	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			10/06/22 15:04	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/06/22 03:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/06/22 03:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/06/22 03:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			10/05/22 11:42	10/06/22 03:17	1
o-Terphenyl	109		70 - 130			10/05/22 11:42	10/06/22 03:17	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246		5.03	mg/Kg			10/06/22 03:10	1

Client Sample ID: CS-3 @ 1.5'

Lab Sample ID: 880-19973-13

Date Collected: 10/04/22 09:10

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

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		10/05/22 16:47	10/06/22 14:41	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 14:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 14:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		10/05/22 16:47	10/06/22 14:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 14:41	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		10/05/22 16:47	10/06/22 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	10/05/22 16:47	10/06/22 14:41	1
1,4-Difluorobenzene (Surr)	106		70 - 130	10/05/22 16:47	10/06/22 14:41	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			10/06/22 15:04	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			10/06/22 10:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-3 @ 1.5'

Lab Sample ID: 880-19973-13

Date Collected: 10/04/22 09:10

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

Method: 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		10/05/22 11:42	10/06/22 03:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		10/05/22 11:42	10/06/22 03:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		10/05/22 11:42	10/06/22 03:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			10/05/22 11:42	10/06/22 03:38	1
o-Terphenyl	104		70 - 130			10/05/22 11:42	10/06/22 03:38	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		5.01	mg/Kg			10/06/22 03:18	1

Client Sample ID: CS-4 @ 1.5'

Lab Sample ID: 880-19973-14

Date Collected: 10/04/22 09:15

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

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		10/05/22 16:47	10/06/22 15:02	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 15:02	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 15:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/05/22 16:47	10/06/22 15:02	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 15:02	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/05/22 16:47	10/06/22 15:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			10/05/22 16:47	10/06/22 15:02	1
1,4-Difluorobenzene (Surr)	101		70 - 130			10/05/22 16:47	10/06/22 15:02	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			10/06/22 15:04	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 04:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 04:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 04:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			10/05/22 11:42	10/06/22 04:00	1
o-Terphenyl	103		70 - 130			10/05/22 11:42	10/06/22 04:00	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-4 @ 1.5'

Lab Sample ID: 880-19973-14

Date Collected: 10/04/22 09:15

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	191		5.01	mg/Kg			10/06/22 03:41	1

Client Sample ID: CS-5 @ 1.5'

Lab Sample ID: 880-19973-15

Date Collected: 10/04/22 09:20

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

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		10/05/22 16:47	10/06/22 15:22	1
Toluene	<0.00198	U	0.00198	mg/Kg		10/05/22 16:47	10/06/22 15:22	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		10/05/22 16:47	10/06/22 15:22	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		10/05/22 16:47	10/06/22 15:22	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		10/05/22 16:47	10/06/22 15:22	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		10/05/22 16:47	10/06/22 15:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			10/05/22 16:47	10/06/22 15:22	1
1,4-Difluorobenzene (Surr)	101		70 - 130			10/05/22 16:47	10/06/22 15:22	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			10/06/22 15:04	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 04:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 04:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 04:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			10/05/22 11:42	10/06/22 04:21	1
o-Terphenyl	100		70 - 130			10/05/22 11:42	10/06/22 04:21	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		4.99	mg/Kg			10/06/22 03:48	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-6 @ 1.5'

Lab Sample ID: 880-19973-16

Date Collected: 10/04/22 09:25

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

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		10/05/22 16:47	10/06/22 15:43	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 15:43	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 15:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/05/22 16:47	10/06/22 15:43	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 15:43	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/05/22 16:47	10/06/22 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	10/05/22 16:47	10/06/22 15:43	1
1,4-Difluorobenzene (Surr)	106		70 - 130	10/05/22 16:47	10/06/22 15:43	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			10/06/22 15:04	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/06/22 04:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/06/22 04:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/06/22 04:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130	10/05/22 11:42	10/06/22 04:41	1
o-Terphenyl	129		70 - 130	10/05/22 11:42	10/06/22 04:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	201		5.00	mg/Kg			10/06/22 03:56	1

Client Sample ID: CS-7 @ 1.5'

Lab Sample ID: 880-19973-17

Date Collected: 10/04/22 09:30

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

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		10/05/22 16:47	10/06/22 16:03	1
Toluene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:47	10/06/22 16:03	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:47	10/06/22 16:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		10/05/22 16:47	10/06/22 16:03	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:47	10/06/22 16:03	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		10/05/22 16:47	10/06/22 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	10/05/22 16:47	10/06/22 16:03	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 @ 1.5'

Lab Sample ID: 880-19973-17

Date Collected: 10/04/22 09:30

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	10/05/22 16:47	10/06/22 16:03	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			10/06/22 15:04	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 05:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 05:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 05:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130			10/05/22 11:42	10/06/22 05:03	1
o-Terphenyl	118		70 - 130			10/05/22 11:42	10/06/22 05:03	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	176		5.00	mg/Kg			10/06/22 04:04	1

Client Sample ID: CS-8 @ 1.5'

Lab Sample ID: 880-19973-18

Date Collected: 10/04/22 09:35

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

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		10/05/22 16:47	10/06/22 16:23	1
Toluene	<0.00202	U	0.00202	mg/Kg		10/05/22 16:47	10/06/22 16:23	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		10/05/22 16:47	10/06/22 16:23	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		10/05/22 16:47	10/06/22 16:23	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		10/05/22 16:47	10/06/22 16:23	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		10/05/22 16:47	10/06/22 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	10/05/22 16:47	10/06/22 16:23	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/05/22 16:47	10/06/22 16:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			10/06/22 15:04	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			10/06/22 10:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-8 @ 1.5'

Lab Sample ID: 880-19973-18

Date Collected: 10/04/22 09:35

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

Method: 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		10/05/22 11:42	10/06/22 05:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 05:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 05:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			10/05/22 11:42	10/06/22 05:24	1
o-Terphenyl	104		70 - 130			10/05/22 11:42	10/06/22 05:24	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	176		4.97	mg/Kg			10/06/22 04:11	1

Client Sample ID: CS-9 @ 1.5'

Lab Sample ID: 880-19973-19

Date Collected: 10/04/22 09:40

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

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		10/05/22 16:47	10/06/22 16:44	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 16:44	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 16:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/05/22 16:47	10/06/22 16:44	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 16:44	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/05/22 16:47	10/06/22 16:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130			10/05/22 16:47	10/06/22 16:44	1
1,4-Difluorobenzene (Surr)	105		70 - 130			10/05/22 16:47	10/06/22 16:44	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			10/06/22 15:04	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 05:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 05:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 05:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			10/05/22 11:42	10/06/22 05:44	1
o-Terphenyl	111		70 - 130			10/05/22 11:42	10/06/22 05:44	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-9 @ 1.5'

Lab Sample ID: 880-19973-19

Date Collected: 10/04/22 09:40

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.1		4.96	mg/Kg			10/06/22 04:19	1

Client Sample ID: CS-10 @ 2'

Lab Sample ID: 880-19973-20

Date Collected: 10/04/22 09:45

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:47	10/06/22 18:34	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 18:34	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 18:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/05/22 16:47	10/06/22 18:34	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 18:34	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/05/22 16:47	10/06/22 18:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130			10/05/22 16:47	10/06/22 18:34	1
1,4-Difluorobenzene (Surr)	100		70 - 130			10/05/22 16:47	10/06/22 18:34	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 06:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 06:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:42	10/06/22 06:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130			10/05/22 11:42	10/06/22 06:06	1
o-Terphenyl	113		70 - 130			10/05/22 11:42	10/06/22 06:06	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.1		4.95	mg/Kg			10/06/22 04:27	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-11 @ 2'

Lab Sample ID: 880-19973-21

Date Collected: 10/04/22 09:50

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:47	10/06/22 18:54	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 18:54	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 18:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		10/05/22 16:47	10/06/22 18:54	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 18:54	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		10/05/22 16:47	10/06/22 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/05/22 16:47	10/06/22 18:54	1
1,4-Difluorobenzene (Surr)	106		70 - 130	10/05/22 16:47	10/06/22 18:54	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 15:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 15:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 15:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	10/05/22 11:00	10/05/22 15:03	1
o-Terphenyl	97		70 - 130	10/05/22 11:00	10/05/22 15:03	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.7		5.04	mg/Kg			10/06/22 05:29	1

Client Sample ID: CS-12 @ 2'

Lab Sample ID: 880-19973-22

Date Collected: 10/04/22 09:55

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:47	10/06/22 19:15	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 19:15	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 19:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/05/22 16:47	10/06/22 19:15	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 19:15	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/05/22 16:47	10/06/22 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	10/05/22 16:47	10/06/22 19:15	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-12 @ 2'

Lab Sample ID: 880-19973-22

Date Collected: 10/04/22 09:55

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107		70 - 130	10/05/22 16:47	10/06/22 19:15	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			10/07/22 10:06	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 15:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 15:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 15:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			10/05/22 11:00	10/05/22 15:25	1
o-Terphenyl	100		70 - 130			10/05/22 11:00	10/05/22 15:25	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.1		4.96	mg/Kg			10/06/22 05:52	1

Client Sample ID: CS-13 @ 2'

Lab Sample ID: 880-19973-23

Date Collected: 10/04/22 10:00

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:47	10/06/22 19:35	1
Toluene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:47	10/06/22 19:35	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:47	10/06/22 19:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		10/05/22 16:47	10/06/22 19:35	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:47	10/06/22 19:35	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		10/05/22 16:47	10/06/22 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/05/22 16:47	10/06/22 19:35	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/05/22 16:47	10/06/22 19:35	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			10/07/22 10:06	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			10/06/22 10:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-13 @ 2'

Lab Sample ID: 880-19973-23

Date Collected: 10/04/22 10:00

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

Method: 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		10/05/22 11:00	10/05/22 15:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 15:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 15:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			10/05/22 11:00	10/05/22 15:53	1
o-Terphenyl	104		70 - 130			10/05/22 11:00	10/05/22 15:53	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.5		4.95	mg/Kg			10/06/22 05:59	1

Client Sample ID: CS-14 @ 2'

Lab Sample ID: 880-19973-24

Date Collected: 10/04/22 10:05

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:47	10/06/22 19:56	1
Toluene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:47	10/06/22 19:56	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:47	10/06/22 19:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		10/05/22 16:47	10/06/22 19:56	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:47	10/06/22 19:56	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		10/05/22 16:47	10/06/22 19:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130			10/05/22 16:47	10/06/22 19:56	1
1,4-Difluorobenzene (Surr)	104		70 - 130			10/05/22 16:47	10/06/22 19:56	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			10/07/22 10:06	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 16:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 16:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 16:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			10/05/22 11:00	10/05/22 16:35	1
o-Terphenyl	106		70 - 130			10/05/22 11:00	10/05/22 16:35	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-14 @ 2'

Lab Sample ID: 880-19973-24

Date Collected: 10/04/22 10:05

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.6		4.95	mg/Kg			10/06/22 06:07	1

Client Sample ID: CS-15 @ 2'

Lab Sample ID: 880-19973-25

Date Collected: 10/04/22 10:10

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:47	10/06/22 20:16	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 20:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 20:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		10/05/22 16:47	10/06/22 20:16	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 20:16	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		10/05/22 16:47	10/06/22 20:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130			10/05/22 16:47	10/06/22 20:16	1
1,4-Difluorobenzene (Surr)	103		70 - 130			10/05/22 16:47	10/06/22 20:16	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 16:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 16:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 16:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			10/05/22 11:00	10/05/22 16:57	1
o-Terphenyl	105		70 - 130			10/05/22 11:00	10/05/22 16:57	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.6		5.02	mg/Kg			10/06/22 06:15	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-16 @ 2'

Lab Sample ID: 880-19973-26

Date Collected: 10/04/22 10:15

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:47	10/06/22 20:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 20:36	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 20:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		10/05/22 16:47	10/06/22 20:36	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 20:36	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		10/05/22 16:47	10/06/22 20:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	10/05/22 16:47	10/06/22 20:36	1
1,4-Difluorobenzene (Surr)	106		70 - 130	10/05/22 16:47	10/06/22 20:36	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			10/07/22 10:06	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 17:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 17:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	10/05/22 11:00	10/05/22 17:18	1
o-Terphenyl	101		70 - 130	10/05/22 11:00	10/05/22 17:18	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.7		5.04	mg/Kg			10/06/22 06:38	1

Client Sample ID: CS-17 @ 4'

Lab Sample ID: 880-19973-27

Date Collected: 10/04/22 10:20

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:47	10/06/22 20:57	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 20:57	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 20:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/05/22 16:47	10/06/22 20:57	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:47	10/06/22 20:57	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/05/22 16:47	10/06/22 20:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	10/05/22 16:47	10/06/22 20:57	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-17 @ 4'

Lab Sample ID: 880-19973-27

Date Collected: 10/04/22 10:20

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107		70 - 130	10/05/22 16:47	10/06/22 20:57	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 17:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 17:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 17:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			10/05/22 11:00	10/05/22 17:39	1
o-Terphenyl	99		70 - 130			10/05/22 11:00	10/05/22 17:39	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	685		50.1	mg/Kg			10/06/22 06:46	10

Client Sample ID: CS-18 @ 4'

Lab Sample ID: 880-19973-28

Date Collected: 10/04/22 10:25

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:47	10/06/22 21:17	1
Toluene	<0.00202	U	0.00202	mg/Kg		10/05/22 16:47	10/06/22 21:17	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		10/05/22 16:47	10/06/22 21:17	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		10/05/22 16:47	10/06/22 21:17	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		10/05/22 16:47	10/06/22 21:17	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		10/05/22 16:47	10/06/22 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	10/05/22 16:47	10/06/22 21:17	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/05/22 16:47	10/06/22 21:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			10/07/22 10:06	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			10/06/22 10:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-18 @ 4'

Lab Sample ID: 880-19973-28

Date Collected: 10/04/22 10:25

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

Method: 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		10/05/22 11:00	10/05/22 18:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 18:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 18:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130			10/05/22 11:00	10/05/22 18:01	1
o-Terphenyl	108		70 - 130			10/05/22 11:00	10/05/22 18:01	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	619		50.5	mg/Kg			10/06/22 06:53	10

Client Sample ID: CS-19 @ 4'

Lab Sample ID: 880-19973-29

Date Collected: 10/04/22 10:30

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:47	10/06/22 21:38	1
Toluene	<0.00198	U	0.00198	mg/Kg		10/05/22 16:47	10/06/22 21:38	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		10/05/22 16:47	10/06/22 21:38	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		10/05/22 16:47	10/06/22 21:38	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		10/05/22 16:47	10/06/22 21:38	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		10/05/22 16:47	10/06/22 21:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			10/05/22 16:47	10/06/22 21:38	1
1,4-Difluorobenzene (Surr)	107		70 - 130			10/05/22 16:47	10/06/22 21:38	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 18:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 18:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			10/05/22 11:00	10/05/22 18:22	1
o-Terphenyl	104		70 - 130			10/05/22 11:00	10/05/22 18:22	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-19 @ 4'

Lab Sample ID: 880-19973-29

Date Collected: 10/04/22 10:30

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	697		50.5	mg/Kg			10/06/22 07:01	10

Client Sample ID: CS-20 @ 4'

Lab Sample ID: 880-19973-30

Date Collected: 10/04/22 10:35

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:50	10/07/22 01:15	1
Toluene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:50	10/07/22 01:15	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:50	10/07/22 01:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		10/05/22 16:50	10/07/22 01:15	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:50	10/07/22 01:15	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		10/05/22 16:50	10/07/22 01:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130			10/05/22 16:50	10/07/22 01:15	1
1,4-Difluorobenzene (Surr)	106		70 - 130			10/05/22 16:50	10/07/22 01:15	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			10/07/22 10:06	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 18:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 18:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 18:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			10/05/22 11:00	10/05/22 18:44	1
o-Terphenyl	97		70 - 130			10/05/22 11:00	10/05/22 18:44	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	721		50.3	mg/Kg			10/06/22 07:09	10

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-21 @ 4'

Lab Sample ID: 880-19973-31

Date Collected: 10/04/22 10:40

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:50	10/07/22 01:36	1
Toluene	<0.00198	U	0.00198	mg/Kg		10/05/22 16:50	10/07/22 01:36	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		10/05/22 16:50	10/07/22 01:36	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		10/05/22 16:50	10/07/22 01:36	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		10/05/22 16:50	10/07/22 01:36	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		10/05/22 16:50	10/07/22 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	10/05/22 16:50	10/07/22 01:36	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/05/22 16:50	10/07/22 01:36	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	10/05/22 11:00	10/05/22 19:05	1
o-Terphenyl	95		70 - 130	10/05/22 11:00	10/05/22 19:05	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	716		49.9	mg/Kg			10/06/22 07:16	10

Client Sample ID: CS-22 @ 4'

Lab Sample ID: 880-19973-32

Date Collected: 10/04/22 10:45

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:50	10/07/22 01:56	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 01:56	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 01:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/05/22 16:50	10/07/22 01:56	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 01:56	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/05/22 16:50	10/07/22 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	10/05/22 16:50	10/07/22 01:56	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-22 @ 4'

Lab Sample ID: 880-19973-32

Date Collected: 10/04/22 10:45

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	10/05/22 16:50	10/07/22 01:56	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			10/05/22 11:00	10/05/22 19:26	1
o-Terphenyl	106		70 - 130			10/05/22 11:00	10/05/22 19:26	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	703		49.9	mg/Kg			10/06/22 07:39	10

Client Sample ID: CS-23 @ 4'

Lab Sample ID: 880-19973-33

Date Collected: 10/04/22 10:50

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:50	10/07/22 02:16	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 02:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 02:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		10/05/22 16:50	10/07/22 02:16	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 02:16	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		10/05/22 16:50	10/07/22 02:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	10/05/22 16:50	10/07/22 02:16	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/05/22 16:50	10/07/22 02:16	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			10/07/22 10:06	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			10/06/22 10:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-23 @ 4'

Lab Sample ID: 880-19973-33

Date Collected: 10/04/22 10:50

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

Method: 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		10/05/22 11:00	10/05/22 19:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			10/05/22 11:00	10/05/22 19:48	1
o-Terphenyl	103		70 - 130			10/05/22 11:00	10/05/22 19:48	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	713		50.2	mg/Kg			10/06/22 07:47	10

Client Sample ID: CS-24 @ 4'

Lab Sample ID: 880-19973-34

Date Collected: 10/04/22 10:55

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:50	10/07/22 02:37	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 02:37	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 02:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/05/22 16:50	10/07/22 02:37	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 02:37	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/05/22 16:50	10/07/22 02:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130			10/05/22 16:50	10/07/22 02:37	1
1,4-Difluorobenzene (Surr)	105		70 - 130			10/05/22 16:50	10/07/22 02:37	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			10/07/22 10:06	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 15:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 15:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 15:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130			10/05/22 11:00	10/05/22 15:25	1
o-Terphenyl	89		70 - 130			10/05/22 11:00	10/05/22 15:25	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-24 @ 4'

Lab Sample ID: 880-19973-34

Date Collected: 10/04/22 10:55

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	781		49.7	mg/Kg			10/06/22 10:49	10

Client Sample ID: CS-25 @ 4'

Lab Sample ID: 880-19973-35

Date Collected: 10/04/22 11:00

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:50	10/07/22 02:57	1
Toluene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:50	10/07/22 02:57	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:50	10/07/22 02:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		10/05/22 16:50	10/07/22 02:57	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:50	10/07/22 02:57	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		10/05/22 16:50	10/07/22 02:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130			10/05/22 16:50	10/07/22 02:57	1
1,4-Difluorobenzene (Surr)	102		70 - 130			10/05/22 16:50	10/07/22 02:57	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 15:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 15:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 15:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130			10/05/22 11:00	10/05/22 15:53	1
o-Terphenyl	104		70 - 130			10/05/22 11:00	10/05/22 15:53	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	697		49.6	mg/Kg			10/06/22 10:57	10

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-26 @ 4'

Lab Sample ID: 880-19973-36

Date Collected: 10/04/22 11:05

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:50	10/07/22 03:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 03:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 03:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		10/05/22 16:50	10/07/22 03:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 03:18	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		10/05/22 16:50	10/07/22 03:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	10/05/22 16:50	10/07/22 03:18	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/05/22 16:50	10/07/22 03:18	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			10/07/22 10:06	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 16:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 16:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	10/05/22 11:00	10/05/22 16:35	1
o-Terphenyl	115		70 - 130	10/05/22 11:00	10/05/22 16:35	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	697		50.0	mg/Kg			10/06/22 11:04	10

Client Sample ID: CS-27 @ 4'

Lab Sample ID: 880-19973-37

Date Collected: 10/04/22 11:10

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:50	10/07/22 03:38	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 03:38	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 03:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		10/05/22 16:50	10/07/22 03:38	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 03:38	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		10/05/22 16:50	10/07/22 03:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	10/05/22 16:50	10/07/22 03:38	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-27 @ 4'

Lab Sample ID: 880-19973-37

Date Collected: 10/04/22 11:10

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	10/05/22 16:50	10/07/22 03:38	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 16:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 16:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 16:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130			10/05/22 11:00	10/05/22 16:57	1
o-Terphenyl	101		70 - 130			10/05/22 11:00	10/05/22 16:57	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	723		50.0	mg/Kg			10/06/22 11:12	10

Client Sample ID: CS-28 @ 4'

Lab Sample ID: 880-19973-38

Date Collected: 10/04/22 11:15

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:50	10/07/22 03:58	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 03:58	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 03:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/05/22 16:50	10/07/22 03:58	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 03:58	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/05/22 16:50	10/07/22 03:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	10/05/22 16:50	10/07/22 03:58	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/05/22 16:50	10/07/22 03:58	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			10/07/22 10:06	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			10/06/22 10:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-28 @ 4'

Lab Sample ID: 880-19973-38

Date Collected: 10/04/22 11:15

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

Method: 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		10/05/22 11:00	10/05/22 17:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 17:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 17:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130			10/05/22 11:00	10/05/22 17:18	1
o-Terphenyl	101		70 - 130			10/05/22 11:00	10/05/22 17:18	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	336		4.99	mg/Kg			10/06/22 11:20	1

Client Sample ID: CS-29 @ 4'

Lab Sample ID: 880-19973-39

Date Collected: 10/04/22 11:20

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:50	10/07/22 04:19	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 04:19	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 04:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/05/22 16:50	10/07/22 04:19	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 04:19	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/05/22 16:50	10/07/22 04:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130			10/05/22 16:50	10/07/22 04:19	1
1,4-Difluorobenzene (Surr)	102		70 - 130			10/05/22 16:50	10/07/22 04:19	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 17:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 17:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 17:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			10/05/22 11:00	10/05/22 17:39	1
o-Terphenyl	118		70 - 130			10/05/22 11:00	10/05/22 17:39	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-29 @ 4'

Lab Sample ID: 880-19973-39

Date Collected: 10/04/22 11:20

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	352		5.02	mg/Kg			10/06/22 11:28	1

Client Sample ID: CS-30 @ 4'

Lab Sample ID: 880-19973-40

Date Collected: 10/04/22 11:25

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/05/22 16:50	10/07/22 06:09	1
Toluene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:50	10/07/22 06:09	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:50	10/07/22 06:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		10/05/22 16:50	10/07/22 06:09	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:50	10/07/22 06:09	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		10/05/22 16:50	10/07/22 06:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130			10/05/22 16:50	10/07/22 06:09	1
1,4-Difluorobenzene (Surr)	104		70 - 130			10/05/22 16:50	10/07/22 06:09	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			10/07/22 10:06	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 18:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 18:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 18:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			10/05/22 11:00	10/05/22 18:01	1
o-Terphenyl	106		70 - 130			10/05/22 11:00	10/05/22 18:01	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	376		5.01	mg/Kg			10/06/22 11:35	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-31 @ 1.5'

Lab Sample ID: 880-19973-41

Date Collected: 10/04/22 11:30

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 1.5'

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		10/05/22 16:50	10/07/22 06:29	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 06:29	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 06:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		10/05/22 16:50	10/07/22 06:29	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 06:29	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		10/05/22 16:50	10/07/22 06:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	10/05/22 16:50	10/07/22 06:29	1
1,4-Difluorobenzene (Surr)	106		70 - 130	10/05/22 16:50	10/07/22 06:29	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 18:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	10/05/22 11:00	10/05/22 18:22	1
o-Terphenyl	109		70 - 130	10/05/22 11:00	10/05/22 18:22	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.4		4.97	mg/Kg			10/06/22 09:07	1

Client Sample ID: CS-32 @ 2'

Lab Sample ID: 880-19973-42

Date Collected: 10/04/22 11:35

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:50	10/07/22 06:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 06:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 06:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		10/05/22 16:50	10/07/22 06:49	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 06:49	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		10/05/22 16:50	10/07/22 06:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	10/05/22 16:50	10/07/22 06:49	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-32 @ 2'

Lab Sample ID: 880-19973-42

Date Collected: 10/04/22 11:35

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107		70 - 130	10/05/22 16:50	10/07/22 06:49	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			10/07/22 10:06	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 18:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 18:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:00	10/05/22 18:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			10/05/22 11:00	10/05/22 18:44	1
o-Terphenyl	108		70 - 130			10/05/22 11:00	10/05/22 18:44	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.6		4.95	mg/Kg			10/06/22 09:24	1

Client Sample ID: CS-33 @ 2'

Lab Sample ID: 880-19973-43

Date Collected: 10/04/22 11:40

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:50	10/07/22 07:10	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 07:10	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 07:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/05/22 16:50	10/07/22 07:10	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 07:10	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/05/22 16:50	10/07/22 07:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	10/05/22 16:50	10/07/22 07:10	1
1,4-Difluorobenzene (Surr)	106		70 - 130	10/05/22 16:50	10/07/22 07:10	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			10/07/22 10:06	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			10/06/22 10:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-33 @ 2'

Lab Sample ID: 880-19973-43

Date Collected: 10/04/22 11:40

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

Method: 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		10/05/22 11:00	10/05/22 19:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130			10/05/22 11:00	10/05/22 19:05	1
o-Terphenyl	130		70 - 130			10/05/22 11:00	10/05/22 19:05	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.8		4.98	mg/Kg			10/06/22 09:30	1

Client Sample ID: CS-34 @ 2'

Lab Sample ID: 880-19973-44

Date Collected: 10/04/22 11:45

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:50	10/07/22 07:30	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 07:30	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 07:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/05/22 16:50	10/07/22 07:30	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/05/22 16:50	10/07/22 07:30	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/05/22 16:50	10/07/22 07:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			10/05/22 16:50	10/07/22 07:30	1
1,4-Difluorobenzene (Surr)	107		70 - 130			10/05/22 16:50	10/07/22 07:30	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130			10/05/22 11:00	10/05/22 19:26	1
o-Terphenyl	134	S1+	70 - 130			10/05/22 11:00	10/05/22 19:26	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-34 @ 2'

Lab Sample ID: 880-19973-44

Date Collected: 10/04/22 11:45

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.2		5.03	mg/Kg			10/06/22 09:36	1

Client Sample ID: CS-35 @ 2'

Lab Sample ID: 880-19973-45

Date Collected: 10/04/22 11:50

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:50	10/07/22 07:51	1
Toluene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:50	10/07/22 07:51	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:50	10/07/22 07:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		10/05/22 16:50	10/07/22 07:51	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		10/05/22 16:50	10/07/22 07:51	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		10/05/22 16:50	10/07/22 07:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130			10/05/22 16:50	10/07/22 07:51	1
1,4-Difluorobenzene (Surr)	102		70 - 130			10/05/22 16:50	10/07/22 07:51	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 11:00	10/05/22 19:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130			10/05/22 11:00	10/05/22 19:48	1
o-Terphenyl	94		70 - 130			10/05/22 11:00	10/05/22 19:48	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.6		5.00	mg/Kg			10/06/22 09:42	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-36 @ 2'

Lab Sample ID: 880-19973-46

Date Collected: 10/04/22 11:55

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 2'

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		10/05/22 16:50	10/07/22 08:11	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 08:11	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 08:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		10/05/22 16:50	10/07/22 08:11	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 08:11	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		10/05/22 16:50	10/07/22 08:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	10/05/22 16:50	10/07/22 08:11	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/05/22 16:50	10/07/22 08:11	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			10/07/22 10:06	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/05/22 22:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/05/22 22:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/05/22 22:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	10/05/22 14:06	10/05/22 22:20	1
o-Terphenyl	81		70 - 130	10/05/22 14:06	10/05/22 22:20	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.0		4.99	mg/Kg			10/06/22 09:59	1

Client Sample ID: CS-37 @ 4'

Lab Sample ID: 880-19973-47

Date Collected: 10/04/22 12:00

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *1	0.00202	mg/Kg		10/07/22 08:23	10/07/22 16:23	1
Toluene	<0.00202	U	0.00202	mg/Kg		10/07/22 08:23	10/07/22 16:23	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		10/07/22 08:23	10/07/22 16:23	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		10/07/22 08:23	10/07/22 16:23	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		10/07/22 08:23	10/07/22 16:23	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		10/07/22 08:23	10/07/22 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	10/07/22 08:23	10/07/22 16:23	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-37 @ 4'

Lab Sample ID: 880-19973-47

Date Collected: 10/04/22 12:00

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	10/07/22 08:23	10/07/22 16:23	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			10/07/22 10:06	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/05/22 23:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/05/22 23:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/05/22 23:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			10/05/22 14:06	10/05/22 23:25	1
o-Terphenyl	107		70 - 130			10/05/22 14:06	10/05/22 23:25	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	339		5.01	mg/Kg			10/06/22 10:05	1

Client Sample ID: CS-38 @ 4'

Lab Sample ID: 880-19973-48

Date Collected: 10/04/22 12:05

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *1	0.00198	mg/Kg		10/07/22 08:23	10/07/22 18:12	1
Toluene	<0.00198	U	0.00198	mg/Kg		10/07/22 08:23	10/07/22 18:12	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		10/07/22 08:23	10/07/22 18:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		10/07/22 08:23	10/07/22 18:12	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		10/07/22 08:23	10/07/22 18:12	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		10/07/22 08:23	10/07/22 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	10/07/22 08:23	10/07/22 18:12	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/07/22 08:23	10/07/22 18:12	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			10/07/22 10:06	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			10/06/22 10:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-38 @ 4'

Lab Sample ID: 880-19973-48

Date Collected: 10/04/22 12:05

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

Method: 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		10/05/22 14:06	10/05/22 23:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/05/22 23:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/05/22 23:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130			10/05/22 14:06	10/05/22 23:46	1
o-Terphenyl	88		70 - 130			10/05/22 14:06	10/05/22 23:46	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		5.03	mg/Kg			10/06/22 10:11	1

Client Sample ID: CS-39 @ 4'

Lab Sample ID: 880-19973-49

Date Collected: 10/04/22 12:10

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *1	0.00199	mg/Kg		10/07/22 08:23	10/07/22 18:33	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/07/22 08:23	10/07/22 18:33	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/07/22 08:23	10/07/22 18:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/07/22 08:23	10/07/22 18:33	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/07/22 08:23	10/07/22 18:33	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/07/22 08:23	10/07/22 18:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130			10/07/22 08:23	10/07/22 18:33	1
1,4-Difluorobenzene (Surr)	102		70 - 130			10/07/22 08:23	10/07/22 18:33	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 14:06	10/06/22 00:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 14:06	10/06/22 00:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 14:06	10/06/22 00:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			10/05/22 14:06	10/06/22 00:07	1
o-Terphenyl	116		70 - 130			10/05/22 14:06	10/06/22 00:07	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-39 @ 4'

Lab Sample ID: 880-19973-49

Date Collected: 10/04/22 12:10

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	346		5.02	mg/Kg			10/06/22 10:17	1

Client Sample ID: CS-40 @ 4'

Lab Sample ID: 880-19973-50

Date Collected: 10/04/22 12:15

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/06/22 15:09	10/07/22 10:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/06/22 15:09	10/07/22 10:59	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/06/22 15:09	10/07/22 10:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/06/22 15:09	10/07/22 10:59	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/06/22 15:09	10/07/22 10:59	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/06/22 15:09	10/07/22 10:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			10/06/22 15:09	10/07/22 10:59	1
1,4-Difluorobenzene (Surr)	89		70 - 130			10/06/22 15:09	10/07/22 10:59	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			10/07/22 10:06	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			10/06/22 10:34	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	<49.9	U	49.9	mg/Kg		10/05/22 14:06	10/06/22 00:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 14:06	10/06/22 00:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 14:06	10/06/22 00:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130			10/05/22 14:06	10/06/22 00:28	1
o-Terphenyl	124		70 - 130			10/05/22 14:06	10/06/22 00:28	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.9		4.99	mg/Kg			10/06/22 10:22	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-41 @ 4'

Lab Sample ID: 880-19973-51

Date Collected: 10/04/22 12:20

Matrix: Solid

Date Received: 10/05/22 10:00

Sample Depth: 4'

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		10/06/22 15:09	10/07/22 11:20	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/06/22 15:09	10/07/22 11:20	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/06/22 15:09	10/07/22 11:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/06/22 15:09	10/07/22 11:20	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/06/22 15:09	10/07/22 11:20	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/06/22 15:09	10/07/22 11:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	10/06/22 15:09	10/07/22 11:20	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/06/22 15:09	10/07/22 11:20	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			10/07/22 10:06	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			10/06/22 10:34	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	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/06/22 00:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/06/22 00:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/06/22 00:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	10/05/22 14:06	10/06/22 00:50	1
o-Terphenyl	96		70 - 130	10/05/22 14:06	10/06/22 00:50	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	349	F1	4.98	mg/Kg			10/06/22 10:28	1

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-19973-1	CS-SW-1 @ 0.75'	93	61 S1-
880-19973-1 MS	CS-SW-1 @ 0.75'	84	76
880-19973-1 MSD	CS-SW-1 @ 0.75'	97	94
880-19973-2	CS-SW-2 @ 1'	99	78
880-19973-2 MS	CS-SW-2 @ 1'	109	115
880-19973-2 MSD	CS-SW-2 @ 1'	94	104
880-19973-3	CS-SW-3 @ 2'	104	90
880-19973-4	CS-SW-4 @ 2'	121	125
880-19973-5	CS-SW-5 @ 0.75'	149 S1+	118
880-19973-6	CS-SW-6 @ 2'	144 S1+	127
880-19973-7	CS-SW-7 @ 1'	103	132 S1+
880-19973-8	CS-SW-8 @ 2'	104	108
880-19973-9	CS-SW-9 @ 2'	100	111
880-19973-10	CS-SW-10 @ 2'	117	107
880-19973-10 MS	CS-SW-10 @ 2'	111	100
880-19973-10 MSD	CS-SW-10 @ 2'	112	105
880-19973-11	CS-1 @ 1.5'	119	106
880-19973-12	CS-2 @ 1.5'	118	104
880-19973-13	CS-3 @ 1.5'	118	106
880-19973-14	CS-4 @ 1.5'	113	101
880-19973-15	CS-5 @ 1.5'	118	101
880-19973-16	CS-6 @ 1.5'	124	106
880-19973-17	CS-7 @ 1.5'	123	101
880-19973-18	CS-8 @ 1.5'	119	103
880-19973-19	CS-9 @ 1.5'	119	105
880-19973-20	CS-10 @ 2'	117	100
880-19973-21	CS-11 @ 2'	114	106
880-19973-22	CS-12 @ 2'	117	107
880-19973-23	CS-13 @ 2'	114	104
880-19973-24	CS-14 @ 2'	121	104
880-19973-25	CS-15 @ 2'	119	103
880-19973-26	CS-16 @ 2'	117	106
880-19973-27	CS-17 @ 4'	119	107
880-19973-28	CS-18 @ 4'	121	102
880-19973-29	CS-19 @ 4'	118	107
880-19973-30	CS-20 @ 4'	122	106
880-19973-30 MS	CS-20 @ 4'	118	98
880-19973-30 MSD	CS-20 @ 4'	123	104
880-19973-31	CS-21 @ 4'	115	105
880-19973-32	CS-22 @ 4'	121	104
880-19973-33	CS-23 @ 4'	117	105
880-19973-34	CS-24 @ 4'	117	105
880-19973-35	CS-25 @ 4'	122	102
880-19973-36	CS-26 @ 4'	124	105
880-19973-37	CS-27 @ 4'	117	102
880-19973-38	CS-28 @ 4'	120	104
880-19973-39	CS-29 @ 4'	124	102
880-19973-40	CS-30 @ 4'	116	104
880-19973-41	CS-31 @ 1.5'	115	106

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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)
880-19973-42	CS-32 @ 2'	120	107
880-19973-43	CS-33 @ 2'	112	106
880-19973-44	CS-34 @ 2'	115	107
880-19973-45	CS-35 @ 2'	121	102
880-19973-46	CS-36 @ 2'	116	103
880-19973-47	CS-37 @ 4'	113	104
880-19973-48	CS-38 @ 4'	113	105
880-19973-49	CS-39 @ 4'	117	102
880-19973-50	CS-40 @ 4'	112	89
880-19973-50 MS	CS-40 @ 4'	105	99
880-19973-50 MSD	CS-40 @ 4'	100	93
880-19973-51	CS-41 @ 4'	123	99
890-3063-A-1-D MS	Matrix Spike	108	100
890-3063-A-1-E MSD	Matrix Spike Duplicate	100	108
LCS 880-36203/1-A	Lab Control Sample	96	94
LCS 880-36204/1-A	Lab Control Sample	116	102
LCS 880-36205/1-A	Lab Control Sample	116	101
LCS 880-36259/1-A	Lab Control Sample	93	107
LCS 880-36284/1-A	Lab Control Sample	87	96
LCS 880-36328/1-A	Lab Control Sample	114	102
LCSD 880-36203/2-A	Lab Control Sample Dup	94	102
LCSD 880-36204/2-A	Lab Control Sample Dup	109	102
LCSD 880-36205/2-A	Lab Control Sample Dup	116	100
LCSD 880-36259/2-A	Lab Control Sample Dup	121	101
LCSD 880-36284/2-A	Lab Control Sample Dup	91	101
LCSD 880-36328/2-A	Lab Control Sample Dup	115	105
MB 880-36203/5-A	Method Blank	97	82
MB 880-36204/5-A	Method Blank	103	111
MB 880-36205/5-A	Method Blank	104	111
MB 880-36259/5-A	Method Blank	87	99
MB 880-36284/5-A	Method Blank	98	82
MB 880-36328/5-A	Method Blank	105	110

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)
880-19967-A-1-B MS	Matrix Spike	79	80
880-19967-A-1-C MSD	Matrix Spike Duplicate	76	77
880-19967-A-11-B MS	Matrix Spike	76	79
880-19967-A-11-C MSD	Matrix Spike Duplicate	89	90
880-19973-1	CS-SW-1 @ 0.75'	104	110
880-19973-1 MS	CS-SW-1 @ 0.75'	88	87
880-19973-1 MSD	CS-SW-1 @ 0.75'	91	90
880-19973-2	CS-SW-2 @ 1'	101	108

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Surrogate Summary

Client: TRC Solutions, Inc.

Job ID: 880-19973-1

Project/Site: Copperhead Fee 31E CTB

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-19973-3	CS-SW-3 @ 2'	100	104
880-19973-4	CS-SW-4 @ 2'	103	107
880-19973-5	CS-SW-5 @ 0.75'	111	110
880-19973-6	CS-SW-6 @ 2'	117	121
880-19973-7	CS-SW-7 @ 1'	118	117
880-19973-8	CS-SW-8 @ 2'	131 S1+	131 S1+
880-19973-9	CS-SW-9 @ 2'	104	107
880-19973-10	CS-SW-10 @ 2'	105	108
880-19973-11	CS-1 @ 1.5'	107	112
880-19973-12	CS-2 @ 1.5'	106	109
880-19973-13	CS-3 @ 1.5'	106	104
880-19973-14	CS-4 @ 1.5'	103	103
880-19973-15	CS-5 @ 1.5'	100	100
880-19973-16	CS-6 @ 1.5'	131 S1+	129
880-19973-17	CS-7 @ 1.5'	124	118
880-19973-18	CS-8 @ 1.5'	105	104
880-19973-19	CS-9 @ 1.5'	106	111
880-19973-20	CS-10 @ 2'	111	113
880-19973-21	CS-11 @ 2'	92	97
880-19973-22	CS-12 @ 2'	97	100
880-19973-23	CS-13 @ 2'	103	104
880-19973-24	CS-14 @ 2'	100	106
880-19973-25	CS-15 @ 2'	103	105
880-19973-26	CS-16 @ 2'	99	101
880-19973-27	CS-17 @ 4'	99	99
880-19973-28	CS-18 @ 4'	108	108
880-19973-29	CS-19 @ 4'	105	104
880-19973-30	CS-20 @ 4'	97	97
880-19973-31	CS-21 @ 4'	94	95
880-19973-32	CS-22 @ 4'	106	106
880-19973-33	CS-23 @ 4'	100	103
880-19973-34	CS-24 @ 4'	80	89
880-19973-35	CS-25 @ 4'	90	104
880-19973-36	CS-26 @ 4'	99	115
880-19973-37	CS-27 @ 4'	89	101
880-19973-38	CS-28 @ 4'	88	101
880-19973-39	CS-29 @ 4'	106	118
880-19973-40	CS-30 @ 4'	95	106
880-19973-41	CS-31 @ 1.5'	92	109
880-19973-42	CS-32 @ 2'	93	108
880-19973-43	CS-33 @ 2'	113	130
880-19973-44	CS-34 @ 2'	117	134 S1+
880-19973-45	CS-35 @ 2'	88	94
880-19973-46	CS-36 @ 2'	72	81
880-19973-46 MS	CS-36 @ 2'	71	73
880-19973-46 MSD	CS-36 @ 2'	84	85
880-19973-47	CS-37 @ 4'	95	107
880-19973-48	CS-38 @ 4'	76	88
880-19973-49	CS-39 @ 4'	101	116
880-19973-50	CS-40 @ 4'	107	124

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.

Job ID: 880-19973-1

Project/Site: Copperhead Fee 31E CTB

SDG: Eddy Co, NM

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)
880-19973-51	CS-41 @ 4'	85	96
LCS 880-36140/2-A	Lab Control Sample	116	100
LCS 880-36141/2-A	Lab Control Sample	105	121
LCS 880-36177/2-A	Lab Control Sample	87	95
LCS 880-36186/2-A	Lab Control Sample	91	108
LCSD 880-36140/3-A	Lab Control Sample Dup	122	109
LCSD 880-36141/3-A	Lab Control Sample Dup	94	114
LCSD 880-36177/3-A	Lab Control Sample Dup	83	88
LCSD 880-36186/3-A	Lab Control Sample Dup	92	108
MB 880-36140/1-A	Method Blank	103	101
MB 880-36141/1-A	Method Blank	93	111
MB 880-36177/1-A	Method Blank	0.005 S1-	0.01 S1-
MB 880-36186/1-A	Method Blank	6 S1-	7 S1-
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36203/5-A

Matrix: Solid

Analysis Batch: 36225

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36203

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:37	10/06/22 10:14	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:37	10/06/22 10:14	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:37	10/06/22 10:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		10/05/22 16:37	10/06/22 10:14	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:37	10/06/22 10:14	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		10/05/22 16:37	10/06/22 10:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	10/05/22 16:37	10/06/22 10:14	1
1,4-Difluorobenzene (Surr)	82		70 - 130	10/05/22 16:37	10/06/22 10:14	1

Lab Sample ID: LCS 880-36203/1-A

Matrix: Solid

Analysis Batch: 36225

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36203

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09629		mg/Kg		96	70 - 130
Toluene	0.100	0.1079		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1079		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2339		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1160		mg/Kg		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-36203/2-A

Matrix: Solid

Analysis Batch: 36225

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36203

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09590		mg/Kg		96	70 - 130	0	35
Toluene	0.100	0.1056		mg/Kg		106	70 - 130	2	35
Ethylbenzene	0.100	0.1010		mg/Kg		101	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2204		mg/Kg		110	70 - 130	6	35
o-Xylene	0.100	0.1109		mg/Kg		111	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-19973-1 MS

Matrix: Solid

Analysis Batch: 36225

Client Sample ID: CS-SW-1 @ 0.75'

Prep Type: Total/NA

Prep Batch: 36203

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F2 F1	0.100	0.04782	F1	mg/Kg		48	70 - 130
Toluene	<0.00201	U	0.100	0.07882		mg/Kg		78	70 - 130

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-19973-1 MS

Matrix: Solid

Analysis Batch: 36225

Client Sample ID: CS-SW-1 @ 0.75'

Prep Type: Total/NA

Prep Batch: 36203

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.08675		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1519		mg/Kg		76	70 - 130
o-Xylene	<0.00201	U	0.100	0.07506		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	76		70 - 130

Lab Sample ID: 880-19973-1 MSD

Matrix: Solid

Analysis Batch: 36225

Client Sample ID: CS-SW-1 @ 0.75'

Prep Type: Total/NA

Prep Batch: 36203

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F2 F1	0.0990	0.07245	F2	mg/Kg		73	70 - 130	41	35
Toluene	<0.00201	U	0.0990	0.08075		mg/Kg		81	70 - 130	2	35
Ethylbenzene	<0.00201	U	0.0990	0.07871		mg/Kg		79	70 - 130	10	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1673		mg/Kg		84	70 - 130	10	35
o-Xylene	<0.00201	U	0.0990	0.08379		mg/Kg		85	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-36204/5-A

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36204

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 13:11	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 13:11	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 13:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		10/05/22 16:47	10/06/22 13:11	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:47	10/06/22 13:11	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		10/05/22 16:47	10/06/22 13:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/05/22 16:47	10/06/22 13:11	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/05/22 16:47	10/06/22 13:11	1

Lab Sample ID: LCS 880-36204/1-A

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1011		mg/Kg		101	70 - 130
Toluene	0.100	0.1145		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1176		mg/Kg		118	70 - 130
m-Xylene & p-Xylene	0.200	0.2392		mg/Kg		120	70 - 130

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-36204/1-A

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1175		mg/Kg		118	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-36204/2-A

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36204

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08980		mg/Kg		90	70 - 130	12	35
Toluene	0.100	0.09484		mg/Kg		95	70 - 130	19	35
Ethylbenzene	0.100	0.09783		mg/Kg		98	70 - 130	18	35
m-Xylene & p-Xylene	0.200	0.1987		mg/Kg		99	70 - 130	18	35
o-Xylene	0.100	0.09916		mg/Kg		99	70 - 130	17	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-19973-10 MS

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: CS-SW-10 @ 2'

Prep Type: Total/NA

Prep Batch: 36204

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.08414		mg/Kg		84	70 - 130
Toluene	<0.00201	U	0.0998	0.08917		mg/Kg		89	70 - 130
Ethylbenzene	<0.00201	U	0.0998	0.08616		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1744		mg/Kg		87	70 - 130
o-Xylene	<0.00201	U	0.0998	0.08658		mg/Kg		87	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-19973-10 MSD

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: CS-SW-10 @ 2'

Prep Type: Total/NA

Prep Batch: 36204

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.08719		mg/Kg		88	70 - 130	4	35
Toluene	<0.00201	U	0.0996	0.09162		mg/Kg		92	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.0996	0.08918		mg/Kg		90	70 - 130	3	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1808		mg/Kg		91	70 - 130	4	35
o-Xylene	<0.00201	U	0.0996	0.08974		mg/Kg		90	70 - 130	4	35

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-19973-10 MSD

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: CS-SW-10 @ 2'

Prep Type: Total/NA

Prep Batch: 36204

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-36205/5-A

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36205

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 00:47	1	
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 00:47	1	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 00:47	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		10/05/22 16:50	10/07/22 00:47	1	
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:50	10/07/22 00:47	1	
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		10/05/22 16:50	10/07/22 00:47	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	104		70 - 130	10/05/22 16:50	10/07/22 00:47	1			
1,4-Difluorobenzene (Surr)	111		70 - 130	10/05/22 16:50	10/07/22 00:47	1			

Lab Sample ID: LCS 880-36205/1-A

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36205

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.09650		mg/Kg		97	70 - 130		
Toluene	0.100	0.1058		mg/Kg		106	70 - 130		
Ethylbenzene	0.100	0.1078		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene	0.200	0.2206		mg/Kg		110	70 - 130		
o-Xylene	0.100	0.1097		mg/Kg		110	70 - 130		

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	116		70 - 130						
1,4-Difluorobenzene (Surr)	101		70 - 130						

Lab Sample ID: LCSD 880-36205/2-A

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36205

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.08661		mg/Kg		87	70 - 130	11	35	
Toluene	0.100	0.09946		mg/Kg		99	70 - 130	6	35	
Ethylbenzene	0.100	0.1020		mg/Kg		102	70 - 130	6	35	
m-Xylene & p-Xylene	0.200	0.2107		mg/Kg		105	70 - 130	5	35	
o-Xylene	0.100	0.1060		mg/Kg		106	70 - 130	3	35	

	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	116		70 - 130							

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-36205/2-A

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36205

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-19973-30 MS

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: CS-20 @ 4'

Prep Type: Total/NA

Prep Batch: 36205

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00201	U	0.0998	0.09044		mg/Kg		91	70 - 130
Toluene	<0.00201	U	0.0998	0.09994		mg/Kg		100	70 - 130
Ethylbenzene	<0.00201	U	0.0998	0.1003		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2023		mg/Kg		101	70 - 130
o-Xylene	<0.00201	U	0.0998	0.1013		mg/Kg		102	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-19973-30 MSD

Matrix: Solid

Analysis Batch: 36228

Client Sample ID: CS-20 @ 4'

Prep Type: Total/NA

Prep Batch: 36205

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.0990	0.09503		mg/Kg		96	70 - 130	5	35
Toluene	<0.00201	U	0.0990	0.1018		mg/Kg		103	70 - 130	2	35
Ethylbenzene	<0.00201	U	0.0990	0.1033		mg/Kg		104	70 - 130	3	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2088		mg/Kg		105	70 - 130	3	35
o-Xylene	<0.00201	U	0.0990	0.1047		mg/Kg		106	70 - 130	3	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-36259/5-A

Matrix: Solid

Analysis Batch: 36230

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36259

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200	mg/Kg		10/06/22 10:45	10/06/22 13:29	1	
Toluene	<0.00200	U	0.00200	mg/Kg		10/06/22 10:45	10/06/22 13:29	1	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/06/22 10:45	10/06/22 13:29	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		10/06/22 10:45	10/06/22 13:29	1	
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/06/22 10:45	10/06/22 13:29	1	
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		10/06/22 10:45	10/06/22 13:29	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	87		70 - 130	10/06/22 10:45	10/06/22 13:29	1			
1,4-Difluorobenzene (Surr)	99		70 - 130	10/06/22 10:45	10/06/22 13:29	1			

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-36259/1-A

Matrix: Solid

Analysis Batch: 36230

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36259

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.200	0.07384	*-	mg/Kg		37	70 - 130
Toluene	0.200	0.07069	*-	mg/Kg		35	70 - 130
Ethylbenzene	0.200	0.07091	*-	mg/Kg		35	70 - 130
m-Xylene & p-Xylene	0.400	0.1419	*-	mg/Kg		35	70 - 130
o-Xylene	0.200	0.07040	*-	mg/Kg		35	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-36259/2-A

Matrix: Solid

Analysis Batch: 36230

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36259

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.200	0.06417	*-	mg/Kg		32	70 - 130	14	35
Toluene	0.200	0.07065	*-	mg/Kg		35	70 - 130	0	35
Ethylbenzene	0.200	0.07773	*-	mg/Kg		39	70 - 130	9	35
m-Xylene & p-Xylene	0.400	0.1693	*-	mg/Kg		42	70 - 130	18	35
o-Xylene	0.200	0.08433	*-	mg/Kg		42	70 - 130	18	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-19973-2 MS

Matrix: Solid

Analysis Batch: 36230

Client Sample ID: CS-SW-2 @ 1'

Prep Type: Total/NA

Prep Batch: 36259

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U *-	0.101	0.07605		mg/Kg		75	70 - 130
Toluene	<0.00201	U *- F1	0.101	0.07369		mg/Kg		73	70 - 130
Ethylbenzene	<0.00201	U *- F1	0.101	0.07212		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00402	U *- F1	0.202	0.1543		mg/Kg		77	70 - 130
o-Xylene	<0.00201	U *- F1	0.101	0.07448		mg/Kg		74	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 880-19973-2 MSD

Matrix: Solid

Analysis Batch: 36230

Client Sample ID: CS-SW-2 @ 1'

Prep Type: Total/NA

Prep Batch: 36259

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U *-	0.0994	0.07035		mg/Kg		71	70 - 130	8	35
Toluene	<0.00201	U *- F1	0.0994	0.06386	F1	mg/Kg		64	70 - 130	14	35
Ethylbenzene	<0.00201	U *- F1	0.0994	0.06077	F1	mg/Kg		61	70 - 130	17	35

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-19973-2 MSD

Matrix: Solid

Analysis Batch: 36230

Client Sample ID: CS-SW-2 @ 1'

Prep Type: Total/NA

Prep Batch: 36259

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U *- F1	0.199	0.1219	F1	mg/Kg		61	70 - 130	23	35
o-Xylene	<0.00201	U *- F1	0.0994	0.05910	F1	mg/Kg		59	70 - 130	23	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-36284/5-A

Matrix: Solid

Analysis Batch: 36323

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36284

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		10/06/22 15:09	10/07/22 10:37	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/06/22 15:09	10/07/22 10:37	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/06/22 15:09	10/07/22 10:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		10/06/22 15:09	10/07/22 10:37	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/06/22 15:09	10/07/22 10:37	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		10/06/22 15:09	10/07/22 10:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	10/06/22 15:09	10/07/22 10:37	1
1,4-Difluorobenzene (Surr)	82		70 - 130	10/06/22 15:09	10/07/22 10:37	1

Lab Sample ID: LCS 880-36284/1-A

Matrix: Solid

Analysis Batch: 36323

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36284

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09199		mg/Kg		92	70 - 130
Toluene	0.100	0.09098		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.08449		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1700		mg/Kg		85	70 - 130
o-Xylene	0.100	0.08766		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-36284/2-A

Matrix: Solid

Analysis Batch: 36323

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36284

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1127		mg/Kg		113	70 - 130	20	35
Toluene	0.100	0.1118		mg/Kg		112	70 - 130	21	35
Ethylbenzene	0.100	0.1068		mg/Kg		107	70 - 130	23	35
m-Xylene & p-Xylene	0.200	0.2204		mg/Kg		110	70 - 130	26	35
o-Xylene	0.100	0.1091		mg/Kg		109	70 - 130	22	35

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-19973-50 MS

Matrix: Solid

Analysis Batch: 36323

Client Sample ID: CS-40 @ 4'

Prep Type: Total/NA

Prep Batch: 36284

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.08320		mg/Kg		84	70 - 130
Toluene	<0.00199	U	0.0996	0.09275		mg/Kg		93	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.09682		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2090		mg/Kg		105	70 - 130
o-Xylene	<0.00199	U	0.0996	0.1035		mg/Kg		104	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-19973-50 MSD

Matrix: Solid

Analysis Batch: 36323

Client Sample ID: CS-40 @ 4'

Prep Type: Total/NA

Prep Batch: 36284

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U	0.0992	0.09880		mg/Kg		100	70 - 130	17	35
Toluene	<0.00199	U	0.0992	0.1029		mg/Kg		104	70 - 130	10	35
Ethylbenzene	<0.00199	U	0.0992	0.1029		mg/Kg		104	70 - 130	6	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.2178		mg/Kg		110	70 - 130	4	35
o-Xylene	<0.00199	U	0.0992	0.1094		mg/Kg		110	70 - 130	6	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-36328/5-A

Matrix: Solid

Analysis Batch: 36341

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36328

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		10/07/22 08:23	10/07/22 12:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/07/22 08:23	10/07/22 12:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/07/22 08:23	10/07/22 12:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		10/07/22 08:23	10/07/22 12:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/07/22 08:23	10/07/22 12:50	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		10/07/22 08:23	10/07/22 12:50	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	105		70 - 130	10/07/22 08:23	10/07/22 12:50	1		
1,4-Difluorobenzene (Surr)	110		70 - 130	10/07/22 08:23	10/07/22 12:50	1		

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-36328/1-A

Matrix: Solid

Analysis Batch: 36341

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36328

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07461		mg/Kg		75	70 - 130
Toluene	0.100	0.08217		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.08494		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1722		mg/Kg		86	70 - 130
o-Xylene	0.100	0.08846		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-36328/2-A

Matrix: Solid

Analysis Batch: 36341

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36328

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1124	*1	mg/Kg		112	70 - 130	40	35
Toluene	0.100	0.1167		mg/Kg		117	70 - 130	35	35
Ethylbenzene	0.100	0.1188		mg/Kg		119	70 - 130	33	35
m-Xylene & p-Xylene	0.200	0.2420		mg/Kg		121	70 - 130	34	35
o-Xylene	0.100	0.1192		mg/Kg		119	70 - 130	30	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-3063-A-1-D MS

Matrix: Solid

Analysis Batch: 36341

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 36328

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U *1 F1	0.100	0.06254	F1	mg/Kg		62	70 - 130
Toluene	<0.00201	U F1 F2	0.100	0.04666	F1	mg/Kg		46	70 - 130
Ethylbenzene	<0.00201	U F1 F2	0.100	0.02857	F1	mg/Kg		28	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.201	0.05403	F1	mg/Kg		27	70 - 130
o-Xylene	<0.00201	U F1 F2	0.100	0.02669	F1	mg/Kg		27	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-3063-A-1-E MSD

Matrix: Solid

Analysis Batch: 36341

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 36328

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U *1 F1	0.0998	0.08491		mg/Kg		85	70 - 130	30	35
Toluene	<0.00201	U F1 F2	0.0998	0.06815	F1 F2	mg/Kg		68	70 - 130	37	35
Ethylbenzene	<0.00201	U F1 F2	0.0998	0.04339	F1 F2	mg/Kg		43	70 - 130	41	35

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-3063-A-1-E MSD

Matrix: Solid

Analysis Batch: 36341

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 36328

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.200	0.07834	F1 F2	mg/Kg		39	70 - 130	37	35
o-Xylene	<0.00201	U F1 F2	0.0998	0.03992	F1 F2	mg/Kg		40	70 - 130	40	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	108		70 - 130								

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

Lab Sample ID: MB 880-36140/1-A

Matrix: Solid

Analysis Batch: 36115

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36140

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		10/05/22 09:12	10/05/22 10:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 09:12	10/05/22 10:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 09:12	10/05/22 10:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			10/05/22 09:12	10/05/22 10:46	1
o-Terphenyl	101		70 - 130			10/05/22 09:12	10/05/22 10:46	1

Lab Sample ID: LCS 880-36140/2-A

Matrix: Solid

Analysis Batch: 36115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36140

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	849.2		mg/Kg		85	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	943.9		mg/Kg		94	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
1-Chlorooctane	116		70 - 130					
o-Terphenyl	100		70 - 130					

Lab Sample ID: LCSD 880-36140/3-A

Matrix: Solid

Analysis Batch: 36115

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36140

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	897.5		mg/Kg		90	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1032		mg/Kg		103	70 - 130	9	20

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-36140/3-A

Matrix: Solid

Analysis Batch: 36115

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36140

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: 880-19967-A-1-B MS

Matrix: Solid

Analysis Batch: 36115

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 36140

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	841.3		mg/Kg		84	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	944.6		mg/Kg		95	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	79		70 - 130							
o-Terphenyl	80		70 - 130							

Lab Sample ID: 880-19967-A-1-C MSD

Matrix: Solid

Analysis Batch: 36115

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 36140

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	825.3		mg/Kg		83	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	999	916.8		mg/Kg		92	70 - 130	3	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	76		70 - 130									
o-Terphenyl	77		70 - 130									

Lab Sample ID: MB 880-36141/1-A

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36141

	MB	MB								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		10/05/22 09:17	10/05/22 10:46	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 09:17	10/05/22 10:46	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 09:17	10/05/22 10:46	1		
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac		
1-Chlorooctane	93		70 - 130			10/05/22 09:17	10/05/22 10:46	1		
o-Terphenyl	111		70 - 130			10/05/22 09:17	10/05/22 10:46	1		

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-36141/2-A

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36141

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	935.9		mg/Kg		94		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1007		mg/Kg		101		70 - 130		

Lab Sample ID: LCSD 880-36141/3-A

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36141

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	809.9		mg/Kg		81	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	913.1		mg/Kg		91	70 - 130	10	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	114		70 - 130								

Lab Sample ID: 880-19967-A-11-B MS

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 36141

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1012		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	899.4		mg/Kg		90	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	76		70 - 130								
o-Terphenyl	79		70 - 130								

Lab Sample ID: 880-19967-A-11-C MSD

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 36141

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	904.3		mg/Kg		91	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1048		mg/Kg		105	70 - 130	15	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	89		70 - 130								

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-19967-A-11-C MSD

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 36141

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	90		70 - 130

Lab Sample ID: MB 880-36177/1-A

Matrix: Solid

Analysis Batch: 36115

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36177

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/05/22 20:28	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/05/22 20:28	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 11:42	10/05/22 20:28	1	
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil	Fac
1-Chlorooctane	0.005	S1-	70 - 130			10/05/22 11:42	10/05/22 20:28	1	
<i>o</i> -Terphenyl	0.01	S1-	70 - 130			10/05/22 11:42	10/05/22 20:28	1	

Lab Sample ID: LCS 880-36177/2-A

Matrix: Solid

Analysis Batch: 36115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36177

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10		1000	778.0		mg/Kg		78	70 - 130	
Diesel Range Organics (Over C10-C28)		1000	902.3		mg/Kg		90	70 - 130	
Surrogate	LCS	LCS							
	%Recovery	Qualifier	Limits						
1-Chlorooctane	87		70 - 130						
<i>o</i> -Terphenyl	95		70 - 130						

Lab Sample ID: LCSD 880-36177/3-A

Matrix: Solid

Analysis Batch: 36115

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36177

		Spike	LCSD	LCSD				%Rec		RPD	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10		1000	788.3		mg/Kg		79	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)		1000	838.7		mg/Kg		84	70 - 130	7	20	
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	83		70 - 130								
<i>o</i> -Terphenyl	88		70 - 130								

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-19973-1 MS

Matrix: Solid

Analysis Batch: 36115

Client Sample ID: CS-SW-1 @ 0.75'

Prep Type: Total/NA

Prep Batch: 36177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	865.7		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1003		mg/Kg		101	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	88		70 - 130						
o-Terphenyl	87		70 - 130						

Lab Sample ID: 880-19973-1 MSD

Matrix: Solid

Analysis Batch: 36115

Client Sample ID: CS-SW-1 @ 0.75'

Prep Type: Total/NA

Prep Batch: 36177

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	<50.0	U	999	886.5		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1043		mg/Kg		104	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	90		70 - 130								

Lab Sample ID: MB 880-36186/1-A

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36186

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		10/05/22 14:06	10/05/22 20:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/05/22 20:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/05/22 20:28	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	6	S1-	70 - 130			10/05/22 14:06	10/05/22 20:28	1
o-Terphenyl	7	S1-	70 - 130			10/05/22 14:06	10/05/22 20:28	1

Lab Sample ID: LCS 880-36186/2-A

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36186

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	777.3		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	872.8		mg/Kg		87	70 - 130

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-36186/2-A

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36186

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: LCSD 880-36186/3-A

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36186

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	841.3		mg/Kg		84	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	878.3		mg/Kg		88	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 880-19973-46 MS

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: CS-36 @ 2'

Prep Type: Total/NA

Prep Batch: 36186

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	926.9		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	818.6		mg/Kg		82	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	71		70 - 130
o-Terphenyl	73		70 - 130

Lab Sample ID: 880-19973-46 MSD

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: CS-36 @ 2'

Prep Type: Total/NA

Prep Batch: 36186

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	<50.0	U	999	1119		mg/Kg		110	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	975.0		mg/Kg		98	70 - 130	17	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	85		70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-36170/1-A

Matrix: Solid

Analysis Batch: 36193

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			10/06/22 00:36	1

Lab Sample ID: LCS 880-36170/2-A

Matrix: Solid

Analysis Batch: 36193

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.5		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-36170/3-A

Matrix: Solid

Analysis Batch: 36193

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	251.9		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-19973-1 MS

Matrix: Solid

Analysis Batch: 36193

Client Sample ID: CS-SW-1 @ 0.75'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	222		252	475.1		mg/Kg		101	90 - 110

Lab Sample ID: 880-19973-1 MSD

Matrix: Solid

Analysis Batch: 36193

Client Sample ID: CS-SW-1 @ 0.75'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	222		252	467.7		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 880-19973-11 MS

Matrix: Solid

Analysis Batch: 36193

Client Sample ID: CS-1 @ 1.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	304		248	528.2		mg/Kg		91	90 - 110

Lab Sample ID: 880-19973-11 MSD

Matrix: Solid

Analysis Batch: 36193

Client Sample ID: CS-1 @ 1.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	304		248	525.8		mg/Kg		90	90 - 110	0	20

Lab Sample ID: MB 880-36171/1-A

Matrix: Solid

Analysis Batch: 36195

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			10/06/22 05:05	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-36171/2-A

Matrix: Solid

Analysis Batch: 36195

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.5		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-36171/3-A

Matrix: Solid

Analysis Batch: 36195

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	266.8		mg/Kg		107	90 - 110	3	20

Lab Sample ID: 880-19973-21 MS

Matrix: Solid

Analysis Batch: 36195

Client Sample ID: CS-11 @ 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	66.7		252	314.8		mg/Kg		98	90 - 110

Lab Sample ID: 880-19973-21 MSD

Matrix: Solid

Analysis Batch: 36195

Client Sample ID: CS-11 @ 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	66.7		252	320.1		mg/Kg		101	90 - 110	2	20

Lab Sample ID: 880-19973-31 MS

Matrix: Solid

Analysis Batch: 36195

Client Sample ID: CS-21 @ 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	716		2500	3196		mg/Kg		99	90 - 110

Lab Sample ID: 880-19973-31 MSD

Matrix: Solid

Analysis Batch: 36195

Client Sample ID: CS-21 @ 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	716		2500	3197		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-36174/1-A

Matrix: Solid

Analysis Batch: 36196

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			10/06/22 08:49	1

Lab Sample ID: LCS 880-36174/2-A

Matrix: Solid

Analysis Batch: 36196

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	263.6		mg/Kg		105	90 - 110

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-36174/3-A

Matrix: Solid

Analysis Batch: 36196

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	251.1		mg/Kg		100	90 - 110	5	20

Lab Sample ID: 880-19973-41 MS

Matrix: Solid

Analysis Batch: 36196

Client Sample ID: CS-31 @ 1.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	67.4		249	304.7		mg/Kg		95	90 - 110		

Lab Sample ID: 880-19973-41 MSD

Matrix: Solid

Analysis Batch: 36196

Client Sample ID: CS-31 @ 1.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	67.4		249	314.4		mg/Kg		99	90 - 110	3	20

Lab Sample ID: 880-19973-51 MS

Matrix: Solid

Analysis Batch: 36196

Client Sample ID: CS-41 @ 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	349	F1	249	566.3	F1	mg/Kg		87	90 - 110		

Lab Sample ID: 880-19973-51 MSD

Matrix: Solid

Analysis Batch: 36196

Client Sample ID: CS-41 @ 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	349	F1	249	594.6		mg/Kg		98	90 - 110	5	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 36203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-1	CS-SW-1 @ 0.75'	Total/NA	Solid	5035	
MB 880-36203/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36203/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36203/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19973-1 MS	CS-SW-1 @ 0.75'	Total/NA	Solid	5035	
880-19973-1 MSD	CS-SW-1 @ 0.75'	Total/NA	Solid	5035	

Prep Batch: 36204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-10	CS-SW-10 @ 2'	Total/NA	Solid	5035	
880-19973-11	CS-1 @ 1.5'	Total/NA	Solid	5035	
880-19973-12	CS-2 @ 1.5'	Total/NA	Solid	5035	
880-19973-13	CS-3 @ 1.5'	Total/NA	Solid	5035	
880-19973-14	CS-4 @ 1.5'	Total/NA	Solid	5035	
880-19973-15	CS-5 @ 1.5'	Total/NA	Solid	5035	
880-19973-16	CS-6 @ 1.5'	Total/NA	Solid	5035	
880-19973-17	CS-7 @ 1.5'	Total/NA	Solid	5035	
880-19973-18	CS-8 @ 1.5'	Total/NA	Solid	5035	
880-19973-19	CS-9 @ 1.5'	Total/NA	Solid	5035	
880-19973-20	CS-10 @ 2'	Total/NA	Solid	5035	
880-19973-21	CS-11 @ 2'	Total/NA	Solid	5035	
880-19973-22	CS-12 @ 2'	Total/NA	Solid	5035	
880-19973-23	CS-13 @ 2'	Total/NA	Solid	5035	
880-19973-24	CS-14 @ 2'	Total/NA	Solid	5035	
880-19973-25	CS-15 @ 2'	Total/NA	Solid	5035	
880-19973-26	CS-16 @ 2'	Total/NA	Solid	5035	
880-19973-27	CS-17 @ 4'	Total/NA	Solid	5035	
880-19973-28	CS-18 @ 4'	Total/NA	Solid	5035	
880-19973-29	CS-19 @ 4'	Total/NA	Solid	5035	
MB 880-36204/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36204/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36204/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19973-10 MS	CS-SW-10 @ 2'	Total/NA	Solid	5035	
880-19973-10 MSD	CS-SW-10 @ 2'	Total/NA	Solid	5035	

Prep Batch: 36205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-30	CS-20 @ 4'	Total/NA	Solid	5035	
880-19973-31	CS-21 @ 4'	Total/NA	Solid	5035	
880-19973-32	CS-22 @ 4'	Total/NA	Solid	5035	
880-19973-33	CS-23 @ 4'	Total/NA	Solid	5035	
880-19973-34	CS-24 @ 4'	Total/NA	Solid	5035	
880-19973-35	CS-25 @ 4'	Total/NA	Solid	5035	
880-19973-36	CS-26 @ 4'	Total/NA	Solid	5035	
880-19973-37	CS-27 @ 4'	Total/NA	Solid	5035	
880-19973-38	CS-28 @ 4'	Total/NA	Solid	5035	
880-19973-39	CS-29 @ 4'	Total/NA	Solid	5035	
880-19973-40	CS-30 @ 4'	Total/NA	Solid	5035	
880-19973-41	CS-31 @ 1.5'	Total/NA	Solid	5035	
880-19973-42	CS-32 @ 2'	Total/NA	Solid	5035	
880-19973-43	CS-33 @ 2'	Total/NA	Solid	5035	

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QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 36205 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-44	CS-34 @ 2'	Total/NA	Solid	5035	
880-19973-45	CS-35 @ 2'	Total/NA	Solid	5035	
880-19973-46	CS-36 @ 2'	Total/NA	Solid	5035	
MB 880-36205/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36205/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36205/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19973-30 MS	CS-20 @ 4'	Total/NA	Solid	5035	
880-19973-30 MSD	CS-20 @ 4'	Total/NA	Solid	5035	

Analysis Batch: 36225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-1	CS-SW-1 @ 0.75'	Total/NA	Solid	8021B	36203
MB 880-36203/5-A	Method Blank	Total/NA	Solid	8021B	36203
LCS 880-36203/1-A	Lab Control Sample	Total/NA	Solid	8021B	36203
LCSD 880-36203/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36203
880-19973-1 MS	CS-SW-1 @ 0.75'	Total/NA	Solid	8021B	36203
880-19973-1 MSD	CS-SW-1 @ 0.75'	Total/NA	Solid	8021B	36203

Analysis Batch: 36228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-10	CS-SW-10 @ 2'	Total/NA	Solid	8021B	36204
880-19973-11	CS-1 @ 1.5'	Total/NA	Solid	8021B	36204
880-19973-12	CS-2 @ 1.5'	Total/NA	Solid	8021B	36204
880-19973-13	CS-3 @ 1.5'	Total/NA	Solid	8021B	36204
880-19973-14	CS-4 @ 1.5'	Total/NA	Solid	8021B	36204
880-19973-15	CS-5 @ 1.5'	Total/NA	Solid	8021B	36204
880-19973-16	CS-6 @ 1.5'	Total/NA	Solid	8021B	36204
880-19973-17	CS-7 @ 1.5'	Total/NA	Solid	8021B	36204
880-19973-18	CS-8 @ 1.5'	Total/NA	Solid	8021B	36204
880-19973-19	CS-9 @ 1.5'	Total/NA	Solid	8021B	36204
880-19973-20	CS-10 @ 2'	Total/NA	Solid	8021B	36204
880-19973-21	CS-11 @ 2'	Total/NA	Solid	8021B	36204
880-19973-22	CS-12 @ 2'	Total/NA	Solid	8021B	36204
880-19973-23	CS-13 @ 2'	Total/NA	Solid	8021B	36204
880-19973-24	CS-14 @ 2'	Total/NA	Solid	8021B	36204
880-19973-25	CS-15 @ 2'	Total/NA	Solid	8021B	36204
880-19973-26	CS-16 @ 2'	Total/NA	Solid	8021B	36204
880-19973-27	CS-17 @ 4'	Total/NA	Solid	8021B	36204
880-19973-28	CS-18 @ 4'	Total/NA	Solid	8021B	36204
880-19973-29	CS-19 @ 4'	Total/NA	Solid	8021B	36204
880-19973-30	CS-20 @ 4'	Total/NA	Solid	8021B	36205
880-19973-31	CS-21 @ 4'	Total/NA	Solid	8021B	36205
880-19973-32	CS-22 @ 4'	Total/NA	Solid	8021B	36205
880-19973-33	CS-23 @ 4'	Total/NA	Solid	8021B	36205
880-19973-34	CS-24 @ 4'	Total/NA	Solid	8021B	36205
880-19973-35	CS-25 @ 4'	Total/NA	Solid	8021B	36205
880-19973-36	CS-26 @ 4'	Total/NA	Solid	8021B	36205
880-19973-37	CS-27 @ 4'	Total/NA	Solid	8021B	36205
880-19973-38	CS-28 @ 4'	Total/NA	Solid	8021B	36205
880-19973-39	CS-29 @ 4'	Total/NA	Solid	8021B	36205
880-19973-40	CS-30 @ 4'	Total/NA	Solid	8021B	36205

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QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 36228 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-41	CS-31 @ 1.5'	Total/NA	Solid	8021B	36205
880-19973-42	CS-32 @ 2'	Total/NA	Solid	8021B	36205
880-19973-43	CS-33 @ 2'	Total/NA	Solid	8021B	36205
880-19973-44	CS-34 @ 2'	Total/NA	Solid	8021B	36205
880-19973-45	CS-35 @ 2'	Total/NA	Solid	8021B	36205
880-19973-46	CS-36 @ 2'	Total/NA	Solid	8021B	36205
MB 880-36204/5-A	Method Blank	Total/NA	Solid	8021B	36204
MB 880-36205/5-A	Method Blank	Total/NA	Solid	8021B	36205
LCS 880-36204/1-A	Lab Control Sample	Total/NA	Solid	8021B	36204
LCS 880-36205/1-A	Lab Control Sample	Total/NA	Solid	8021B	36205
LCSD 880-36204/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36204
LCSD 880-36205/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36205
880-19973-10 MS	CS-SW-10 @ 2'	Total/NA	Solid	8021B	36204
880-19973-10 MSD	CS-SW-10 @ 2'	Total/NA	Solid	8021B	36204
880-19973-30 MS	CS-20 @ 4'	Total/NA	Solid	8021B	36205
880-19973-30 MSD	CS-20 @ 4'	Total/NA	Solid	8021B	36205

Analysis Batch: 36230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-2	CS-SW-2 @ 1'	Total/NA	Solid	8021B	36259
880-19973-3	CS-SW-3 @ 2'	Total/NA	Solid	8021B	36259
880-19973-4	CS-SW-4 @ 2'	Total/NA	Solid	8021B	36259
880-19973-5	CS-SW-5 @ 0.75'	Total/NA	Solid	8021B	36259
880-19973-6	CS-SW-6 @ 2'	Total/NA	Solid	8021B	36259
880-19973-7	CS-SW-7 @ 1'	Total/NA	Solid	8021B	36259
880-19973-8	CS-SW-8 @ 2'	Total/NA	Solid	8021B	36259
MB 880-36259/5-A	Method Blank	Total/NA	Solid	8021B	36259
LCS 880-36259/1-A	Lab Control Sample	Total/NA	Solid	8021B	36259
LCSD 880-36259/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36259
880-19973-2 MS	CS-SW-2 @ 1'	Total/NA	Solid	8021B	36259
880-19973-2 MSD	CS-SW-2 @ 1'	Total/NA	Solid	8021B	36259

Prep Batch: 36259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-2	CS-SW-2 @ 1'	Total/NA	Solid	5035	
880-19973-3	CS-SW-3 @ 2'	Total/NA	Solid	5035	
880-19973-4	CS-SW-4 @ 2'	Total/NA	Solid	5035	
880-19973-5	CS-SW-5 @ 0.75'	Total/NA	Solid	5035	
880-19973-6	CS-SW-6 @ 2'	Total/NA	Solid	5035	
880-19973-7	CS-SW-7 @ 1'	Total/NA	Solid	5035	
880-19973-8	CS-SW-8 @ 2'	Total/NA	Solid	5035	
MB 880-36259/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36259/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36259/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19973-2 MS	CS-SW-2 @ 1'	Total/NA	Solid	5035	
880-19973-2 MSD	CS-SW-2 @ 1'	Total/NA	Solid	5035	

Analysis Batch: 36281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-1	CS-SW-1 @ 0.75'	Total/NA	Solid	Total BTEX	
880-19973-2	CS-SW-2 @ 1'	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 36281 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-3	CS-SW-3 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-4	CS-SW-4 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-5	CS-SW-5 @ 0.75'	Total/NA	Solid	Total BTEX	
880-19973-6	CS-SW-6 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-7	CS-SW-7 @ 1'	Total/NA	Solid	Total BTEX	
880-19973-8	CS-SW-8 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-10	CS-SW-10 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-11	CS-1 @ 1.5'	Total/NA	Solid	Total BTEX	
880-19973-12	CS-2 @ 1.5'	Total/NA	Solid	Total BTEX	
880-19973-13	CS-3 @ 1.5'	Total/NA	Solid	Total BTEX	
880-19973-14	CS-4 @ 1.5'	Total/NA	Solid	Total BTEX	
880-19973-15	CS-5 @ 1.5'	Total/NA	Solid	Total BTEX	
880-19973-16	CS-6 @ 1.5'	Total/NA	Solid	Total BTEX	
880-19973-17	CS-7 @ 1.5'	Total/NA	Solid	Total BTEX	
880-19973-18	CS-8 @ 1.5'	Total/NA	Solid	Total BTEX	
880-19973-19	CS-9 @ 1.5'	Total/NA	Solid	Total BTEX	

Prep Batch: 36284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-50	CS-40 @ 4'	Total/NA	Solid	5035	
880-19973-51	CS-41 @ 4'	Total/NA	Solid	5035	
MB 880-36284/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36284/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36284/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19973-50 MS	CS-40 @ 4'	Total/NA	Solid	5035	
880-19973-50 MSD	CS-40 @ 4'	Total/NA	Solid	5035	

Analysis Batch: 36323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-50	CS-40 @ 4'	Total/NA	Solid	8021B	36284
880-19973-51	CS-41 @ 4'	Total/NA	Solid	8021B	36284
MB 880-36284/5-A	Method Blank	Total/NA	Solid	8021B	36284
LCS 880-36284/1-A	Lab Control Sample	Total/NA	Solid	8021B	36284
LCSD 880-36284/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36284
880-19973-50 MS	CS-40 @ 4'	Total/NA	Solid	8021B	36284
880-19973-50 MSD	CS-40 @ 4'	Total/NA	Solid	8021B	36284

Prep Batch: 36328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-9	CS-SW-9 @ 2'	Total/NA	Solid	5035	
880-19973-47	CS-37 @ 4'	Total/NA	Solid	5035	
880-19973-48	CS-38 @ 4'	Total/NA	Solid	5035	
880-19973-49	CS-39 @ 4'	Total/NA	Solid	5035	
MB 880-36328/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36328/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36328/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3063-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-3063-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 36341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-9	CS-SW-9 @ 2'	Total/NA	Solid	8021B	36328
880-19973-47	CS-37 @ 4'	Total/NA	Solid	8021B	36328
880-19973-48	CS-38 @ 4'	Total/NA	Solid	8021B	36328
880-19973-49	CS-39 @ 4'	Total/NA	Solid	8021B	36328
MB 880-36328/5-A	Method Blank	Total/NA	Solid	8021B	36328
LCS 880-36328/1-A	Lab Control Sample	Total/NA	Solid	8021B	36328
LCSD 880-36328/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36328
890-3063-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	36328
890-3063-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	36328

Analysis Batch: 36360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-9	CS-SW-9 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-20	CS-10 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-21	CS-11 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-22	CS-12 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-23	CS-13 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-24	CS-14 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-25	CS-15 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-26	CS-16 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-27	CS-17 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-28	CS-18 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-29	CS-19 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-30	CS-20 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-31	CS-21 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-32	CS-22 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-33	CS-23 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-34	CS-24 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-35	CS-25 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-36	CS-26 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-37	CS-27 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-38	CS-28 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-39	CS-29 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-40	CS-30 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-41	CS-31 @ 1.5'	Total/NA	Solid	Total BTEX	
880-19973-42	CS-32 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-43	CS-33 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-44	CS-34 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-45	CS-35 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-46	CS-36 @ 2'	Total/NA	Solid	Total BTEX	
880-19973-47	CS-37 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-48	CS-38 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-49	CS-39 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-50	CS-40 @ 4'	Total/NA	Solid	Total BTEX	
880-19973-51	CS-41 @ 4'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 36113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-34	CS-24 @ 4'	Total/NA	Solid	8015B NM	36141

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QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 36113 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-35	CS-25 @ 4'	Total/NA	Solid	8015B NM	36141
880-19973-36	CS-26 @ 4'	Total/NA	Solid	8015B NM	36141
880-19973-37	CS-27 @ 4'	Total/NA	Solid	8015B NM	36141
880-19973-38	CS-28 @ 4'	Total/NA	Solid	8015B NM	36141
880-19973-39	CS-29 @ 4'	Total/NA	Solid	8015B NM	36141
880-19973-40	CS-30 @ 4'	Total/NA	Solid	8015B NM	36141
880-19973-41	CS-31 @ 1.5'	Total/NA	Solid	8015B NM	36141
880-19973-42	CS-32 @ 2'	Total/NA	Solid	8015B NM	36141
880-19973-43	CS-33 @ 2'	Total/NA	Solid	8015B NM	36141
880-19973-44	CS-34 @ 2'	Total/NA	Solid	8015B NM	36141
880-19973-45	CS-35 @ 2'	Total/NA	Solid	8015B NM	36141
880-19973-46	CS-36 @ 2'	Total/NA	Solid	8015B NM	36186
880-19973-47	CS-37 @ 4'	Total/NA	Solid	8015B NM	36186
880-19973-48	CS-38 @ 4'	Total/NA	Solid	8015B NM	36186
880-19973-49	CS-39 @ 4'	Total/NA	Solid	8015B NM	36186
880-19973-50	CS-40 @ 4'	Total/NA	Solid	8015B NM	36186
880-19973-51	CS-41 @ 4'	Total/NA	Solid	8015B NM	36186
MB 880-36141/1-A	Method Blank	Total/NA	Solid	8015B NM	36141
MB 880-36186/1-A	Method Blank	Total/NA	Solid	8015B NM	36186
LCS 880-36141/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36141
LCS 880-36186/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36186
LCSD 880-36141/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36141
LCSD 880-36186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36186
880-19967-A-11-B MS	Matrix Spike	Total/NA	Solid	8015B NM	36141
880-19967-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	36141
880-19973-46 MS	CS-36 @ 2'	Total/NA	Solid	8015B NM	36186
880-19973-46 MSD	CS-36 @ 2'	Total/NA	Solid	8015B NM	36186

Analysis Batch: 36115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-1	CS-SW-1 @ 0.75'	Total/NA	Solid	8015B NM	36177
880-19973-2	CS-SW-2 @ 1'	Total/NA	Solid	8015B NM	36177
880-19973-3	CS-SW-3 @ 2'	Total/NA	Solid	8015B NM	36177
880-19973-4	CS-SW-4 @ 2'	Total/NA	Solid	8015B NM	36177
880-19973-5	CS-SW-5 @ 0.75'	Total/NA	Solid	8015B NM	36177
880-19973-6	CS-SW-6 @ 2'	Total/NA	Solid	8015B NM	36177
880-19973-7	CS-SW-7 @ 1'	Total/NA	Solid	8015B NM	36177
880-19973-8	CS-SW-8 @ 2'	Total/NA	Solid	8015B NM	36177
880-19973-9	CS-SW-9 @ 2'	Total/NA	Solid	8015B NM	36177
880-19973-10	CS-SW-10 @ 2'	Total/NA	Solid	8015B NM	36177
880-19973-11	CS-1 @ 1.5'	Total/NA	Solid	8015B NM	36177
880-19973-12	CS-2 @ 1.5'	Total/NA	Solid	8015B NM	36177
880-19973-13	CS-3 @ 1.5'	Total/NA	Solid	8015B NM	36177
880-19973-14	CS-4 @ 1.5'	Total/NA	Solid	8015B NM	36177
880-19973-15	CS-5 @ 1.5'	Total/NA	Solid	8015B NM	36177
880-19973-16	CS-6 @ 1.5'	Total/NA	Solid	8015B NM	36177
880-19973-17	CS-7 @ 1.5'	Total/NA	Solid	8015B NM	36177
880-19973-18	CS-8 @ 1.5'	Total/NA	Solid	8015B NM	36177
880-19973-19	CS-9 @ 1.5'	Total/NA	Solid	8015B NM	36177
880-19973-20	CS-10 @ 2'	Total/NA	Solid	8015B NM	36177
880-19973-21	CS-11 @ 2'	Total/NA	Solid	8015B NM	36140

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 36115 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-22	CS-12 @ 2'	Total/NA	Solid	8015B NM	36140
880-19973-23	CS-13 @ 2'	Total/NA	Solid	8015B NM	36140
880-19973-24	CS-14 @ 2'	Total/NA	Solid	8015B NM	36140
880-19973-25	CS-15 @ 2'	Total/NA	Solid	8015B NM	36140
880-19973-26	CS-16 @ 2'	Total/NA	Solid	8015B NM	36140
880-19973-27	CS-17 @ 4'	Total/NA	Solid	8015B NM	36140
880-19973-28	CS-18 @ 4'	Total/NA	Solid	8015B NM	36140
880-19973-29	CS-19 @ 4'	Total/NA	Solid	8015B NM	36140
880-19973-30	CS-20 @ 4'	Total/NA	Solid	8015B NM	36140
880-19973-31	CS-21 @ 4'	Total/NA	Solid	8015B NM	36140
880-19973-32	CS-22 @ 4'	Total/NA	Solid	8015B NM	36140
880-19973-33	CS-23 @ 4'	Total/NA	Solid	8015B NM	36140
MB 880-36140/1-A	Method Blank	Total/NA	Solid	8015B NM	36140
MB 880-36177/1-A	Method Blank	Total/NA	Solid	8015B NM	36177
LCS 880-36140/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36140
LCS 880-36177/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36177
LCSD 880-36140/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36140
LCSD 880-36177/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36177
880-19967-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	36140
880-19967-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	36140
880-19973-1 MS	CS-SW-1 @ 0.75'	Total/NA	Solid	8015B NM	36177
880-19973-1 MSD	CS-SW-1 @ 0.75'	Total/NA	Solid	8015B NM	36177

Prep Batch: 36140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-21	CS-11 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-22	CS-12 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-23	CS-13 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-24	CS-14 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-25	CS-15 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-26	CS-16 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-27	CS-17 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-28	CS-18 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-29	CS-19 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-30	CS-20 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-31	CS-21 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-32	CS-22 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-33	CS-23 @ 4'	Total/NA	Solid	8015NM Prep	
MB 880-36140/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36140/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36140/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19967-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-19967-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 36141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-34	CS-24 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-35	CS-25 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-36	CS-26 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-37	CS-27 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-38	CS-28 @ 4'	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 36141 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-39	CS-29 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-40	CS-30 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-41	CS-31 @ 1.5'	Total/NA	Solid	8015NM Prep	
880-19973-42	CS-32 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-43	CS-33 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-44	CS-34 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-45	CS-35 @ 2'	Total/NA	Solid	8015NM Prep	
MB 880-36141/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36141/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36141/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19967-A-11-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-19967-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 36177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-1	CS-SW-1 @ 0.75'	Total/NA	Solid	8015NM Prep	
880-19973-2	CS-SW-2 @ 1'	Total/NA	Solid	8015NM Prep	
880-19973-3	CS-SW-3 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-4	CS-SW-4 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-5	CS-SW-5 @ 0.75'	Total/NA	Solid	8015NM Prep	
880-19973-6	CS-SW-6 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-7	CS-SW-7 @ 1'	Total/NA	Solid	8015NM Prep	
880-19973-8	CS-SW-8 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-9	CS-SW-9 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-10	CS-SW-10 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-11	CS-1 @ 1.5'	Total/NA	Solid	8015NM Prep	
880-19973-12	CS-2 @ 1.5'	Total/NA	Solid	8015NM Prep	
880-19973-13	CS-3 @ 1.5'	Total/NA	Solid	8015NM Prep	
880-19973-14	CS-4 @ 1.5'	Total/NA	Solid	8015NM Prep	
880-19973-15	CS-5 @ 1.5'	Total/NA	Solid	8015NM Prep	
880-19973-16	CS-6 @ 1.5'	Total/NA	Solid	8015NM Prep	
880-19973-17	CS-7 @ 1.5'	Total/NA	Solid	8015NM Prep	
880-19973-18	CS-8 @ 1.5'	Total/NA	Solid	8015NM Prep	
880-19973-19	CS-9 @ 1.5'	Total/NA	Solid	8015NM Prep	
880-19973-20	CS-10 @ 2'	Total/NA	Solid	8015NM Prep	
MB 880-36177/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36177/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36177/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19973-1 MS	CS-SW-1 @ 0.75'	Total/NA	Solid	8015NM Prep	
880-19973-1 MSD	CS-SW-1 @ 0.75'	Total/NA	Solid	8015NM Prep	

Prep Batch: 36186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-46	CS-36 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-47	CS-37 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-48	CS-38 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-49	CS-39 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-50	CS-40 @ 4'	Total/NA	Solid	8015NM Prep	
880-19973-51	CS-41 @ 4'	Total/NA	Solid	8015NM Prep	
MB 880-36186/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36186/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 36186 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSO 880-36186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19973-46 MS	CS-36 @ 2'	Total/NA	Solid	8015NM Prep	
880-19973-46 MSD	CS-36 @ 2'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 36258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-1	CS-SW-1 @ 0.75'	Total/NA	Solid	8015 NM	
880-19973-2	CS-SW-2 @ 1'	Total/NA	Solid	8015 NM	
880-19973-3	CS-SW-3 @ 2'	Total/NA	Solid	8015 NM	
880-19973-4	CS-SW-4 @ 2'	Total/NA	Solid	8015 NM	
880-19973-5	CS-SW-5 @ 0.75'	Total/NA	Solid	8015 NM	
880-19973-6	CS-SW-6 @ 2'	Total/NA	Solid	8015 NM	
880-19973-7	CS-SW-7 @ 1'	Total/NA	Solid	8015 NM	
880-19973-8	CS-SW-8 @ 2'	Total/NA	Solid	8015 NM	
880-19973-9	CS-SW-9 @ 2'	Total/NA	Solid	8015 NM	
880-19973-10	CS-SW-10 @ 2'	Total/NA	Solid	8015 NM	
880-19973-11	CS-1 @ 1.5'	Total/NA	Solid	8015 NM	
880-19973-12	CS-2 @ 1.5'	Total/NA	Solid	8015 NM	
880-19973-13	CS-3 @ 1.5'	Total/NA	Solid	8015 NM	
880-19973-14	CS-4 @ 1.5'	Total/NA	Solid	8015 NM	
880-19973-15	CS-5 @ 1.5'	Total/NA	Solid	8015 NM	
880-19973-16	CS-6 @ 1.5'	Total/NA	Solid	8015 NM	
880-19973-17	CS-7 @ 1.5'	Total/NA	Solid	8015 NM	
880-19973-18	CS-8 @ 1.5'	Total/NA	Solid	8015 NM	
880-19973-19	CS-9 @ 1.5'	Total/NA	Solid	8015 NM	
880-19973-20	CS-10 @ 2'	Total/NA	Solid	8015 NM	
880-19973-21	CS-11 @ 2'	Total/NA	Solid	8015 NM	
880-19973-22	CS-12 @ 2'	Total/NA	Solid	8015 NM	
880-19973-23	CS-13 @ 2'	Total/NA	Solid	8015 NM	
880-19973-24	CS-14 @ 2'	Total/NA	Solid	8015 NM	
880-19973-25	CS-15 @ 2'	Total/NA	Solid	8015 NM	
880-19973-26	CS-16 @ 2'	Total/NA	Solid	8015 NM	
880-19973-27	CS-17 @ 4'	Total/NA	Solid	8015 NM	
880-19973-28	CS-18 @ 4'	Total/NA	Solid	8015 NM	
880-19973-29	CS-19 @ 4'	Total/NA	Solid	8015 NM	
880-19973-30	CS-20 @ 4'	Total/NA	Solid	8015 NM	
880-19973-31	CS-21 @ 4'	Total/NA	Solid	8015 NM	
880-19973-32	CS-22 @ 4'	Total/NA	Solid	8015 NM	
880-19973-33	CS-23 @ 4'	Total/NA	Solid	8015 NM	
880-19973-34	CS-24 @ 4'	Total/NA	Solid	8015 NM	
880-19973-35	CS-25 @ 4'	Total/NA	Solid	8015 NM	
880-19973-36	CS-26 @ 4'	Total/NA	Solid	8015 NM	
880-19973-37	CS-27 @ 4'	Total/NA	Solid	8015 NM	
880-19973-38	CS-28 @ 4'	Total/NA	Solid	8015 NM	
880-19973-39	CS-29 @ 4'	Total/NA	Solid	8015 NM	
880-19973-40	CS-30 @ 4'	Total/NA	Solid	8015 NM	
880-19973-41	CS-31 @ 1.5'	Total/NA	Solid	8015 NM	
880-19973-42	CS-32 @ 2'	Total/NA	Solid	8015 NM	
880-19973-43	CS-33 @ 2'	Total/NA	Solid	8015 NM	
880-19973-44	CS-34 @ 2'	Total/NA	Solid	8015 NM	
880-19973-45	CS-35 @ 2'	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 36258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-46	CS-36 @ 2'	Total/NA	Solid	8015 NM	
880-19973-47	CS-37 @ 4'	Total/NA	Solid	8015 NM	
880-19973-48	CS-38 @ 4'	Total/NA	Solid	8015 NM	
880-19973-49	CS-39 @ 4'	Total/NA	Solid	8015 NM	
880-19973-50	CS-40 @ 4'	Total/NA	Solid	8015 NM	
880-19973-51	CS-41 @ 4'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 36170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-1	CS-SW-1 @ 0.75'	Soluble	Solid	DI Leach	
880-19973-2	CS-SW-2 @ 1'	Soluble	Solid	DI Leach	
880-19973-3	CS-SW-3 @ 2'	Soluble	Solid	DI Leach	
880-19973-4	CS-SW-4 @ 2'	Soluble	Solid	DI Leach	
880-19973-5	CS-SW-5 @ 0.75'	Soluble	Solid	DI Leach	
880-19973-6	CS-SW-6 @ 2'	Soluble	Solid	DI Leach	
880-19973-7	CS-SW-7 @ 1'	Soluble	Solid	DI Leach	
880-19973-8	CS-SW-8 @ 2'	Soluble	Solid	DI Leach	
880-19973-9	CS-SW-9 @ 2'	Soluble	Solid	DI Leach	
880-19973-10	CS-SW-10 @ 2'	Soluble	Solid	DI Leach	
880-19973-11	CS-1 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-12	CS-2 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-13	CS-3 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-14	CS-4 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-15	CS-5 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-16	CS-6 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-17	CS-7 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-18	CS-8 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-19	CS-9 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-20	CS-10 @ 2'	Soluble	Solid	DI Leach	
MB 880-36170/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-36170/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-36170/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19973-1 MS	CS-SW-1 @ 0.75'	Soluble	Solid	DI Leach	
880-19973-1 MSD	CS-SW-1 @ 0.75'	Soluble	Solid	DI Leach	
880-19973-11 MS	CS-1 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-11 MSD	CS-1 @ 1.5'	Soluble	Solid	DI Leach	

Leach Batch: 36171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-21	CS-11 @ 2'	Soluble	Solid	DI Leach	
880-19973-22	CS-12 @ 2'	Soluble	Solid	DI Leach	
880-19973-23	CS-13 @ 2'	Soluble	Solid	DI Leach	
880-19973-24	CS-14 @ 2'	Soluble	Solid	DI Leach	
880-19973-25	CS-15 @ 2'	Soluble	Solid	DI Leach	
880-19973-26	CS-16 @ 2'	Soluble	Solid	DI Leach	
880-19973-27	CS-17 @ 4'	Soluble	Solid	DI Leach	
880-19973-28	CS-18 @ 4'	Soluble	Solid	DI Leach	
880-19973-29	CS-19 @ 4'	Soluble	Solid	DI Leach	
880-19973-30	CS-20 @ 4'	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 36171 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-31	CS-21 @ 4'	Soluble	Solid	DI Leach	
880-19973-32	CS-22 @ 4'	Soluble	Solid	DI Leach	
880-19973-33	CS-23 @ 4'	Soluble	Solid	DI Leach	
880-19973-34	CS-24 @ 4'	Soluble	Solid	DI Leach	
880-19973-35	CS-25 @ 4'	Soluble	Solid	DI Leach	
880-19973-36	CS-26 @ 4'	Soluble	Solid	DI Leach	
880-19973-37	CS-27 @ 4'	Soluble	Solid	DI Leach	
880-19973-38	CS-28 @ 4'	Soluble	Solid	DI Leach	
880-19973-39	CS-29 @ 4'	Soluble	Solid	DI Leach	
880-19973-40	CS-30 @ 4'	Soluble	Solid	DI Leach	
MB 880-36171/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-36171/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-36171/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19973-21 MS	CS-11 @ 2'	Soluble	Solid	DI Leach	
880-19973-21 MSD	CS-11 @ 2'	Soluble	Solid	DI Leach	
880-19973-31 MS	CS-21 @ 4'	Soluble	Solid	DI Leach	
880-19973-31 MSD	CS-21 @ 4'	Soluble	Solid	DI Leach	

Leach Batch: 36174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-41	CS-31 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-42	CS-32 @ 2'	Soluble	Solid	DI Leach	
880-19973-43	CS-33 @ 2'	Soluble	Solid	DI Leach	
880-19973-44	CS-34 @ 2'	Soluble	Solid	DI Leach	
880-19973-45	CS-35 @ 2'	Soluble	Solid	DI Leach	
880-19973-46	CS-36 @ 2'	Soluble	Solid	DI Leach	
880-19973-47	CS-37 @ 4'	Soluble	Solid	DI Leach	
880-19973-48	CS-38 @ 4'	Soluble	Solid	DI Leach	
880-19973-49	CS-39 @ 4'	Soluble	Solid	DI Leach	
880-19973-50	CS-40 @ 4'	Soluble	Solid	DI Leach	
880-19973-51	CS-41 @ 4'	Soluble	Solid	DI Leach	
MB 880-36174/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-36174/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-36174/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19973-41 MS	CS-31 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-41 MSD	CS-31 @ 1.5'	Soluble	Solid	DI Leach	
880-19973-51 MS	CS-41 @ 4'	Soluble	Solid	DI Leach	
880-19973-51 MSD	CS-41 @ 4'	Soluble	Solid	DI Leach	

Analysis Batch: 36193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-1	CS-SW-1 @ 0.75'	Soluble	Solid	300.0	36170
880-19973-2	CS-SW-2 @ 1'	Soluble	Solid	300.0	36170
880-19973-3	CS-SW-3 @ 2'	Soluble	Solid	300.0	36170
880-19973-4	CS-SW-4 @ 2'	Soluble	Solid	300.0	36170
880-19973-5	CS-SW-5 @ 0.75'	Soluble	Solid	300.0	36170
880-19973-6	CS-SW-6 @ 2'	Soluble	Solid	300.0	36170
880-19973-7	CS-SW-7 @ 1'	Soluble	Solid	300.0	36170
880-19973-8	CS-SW-8 @ 2'	Soluble	Solid	300.0	36170
880-19973-9	CS-SW-9 @ 2'	Soluble	Solid	300.0	36170
880-19973-10	CS-SW-10 @ 2'	Soluble	Solid	300.0	36170

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 36193 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-11	CS-1 @ 1.5'	Soluble	Solid	300.0	36170
880-19973-12	CS-2 @ 1.5'	Soluble	Solid	300.0	36170
880-19973-13	CS-3 @ 1.5'	Soluble	Solid	300.0	36170
880-19973-14	CS-4 @ 1.5'	Soluble	Solid	300.0	36170
880-19973-15	CS-5 @ 1.5'	Soluble	Solid	300.0	36170
880-19973-16	CS-6 @ 1.5'	Soluble	Solid	300.0	36170
880-19973-17	CS-7 @ 1.5'	Soluble	Solid	300.0	36170
880-19973-18	CS-8 @ 1.5'	Soluble	Solid	300.0	36170
880-19973-19	CS-9 @ 1.5'	Soluble	Solid	300.0	36170
880-19973-20	CS-10 @ 2'	Soluble	Solid	300.0	36170
MB 880-36170/1-A	Method Blank	Soluble	Solid	300.0	36170
LCS 880-36170/2-A	Lab Control Sample	Soluble	Solid	300.0	36170
LCSD 880-36170/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	36170
880-19973-1 MS	CS-SW-1 @ 0.75'	Soluble	Solid	300.0	36170
880-19973-1 MSD	CS-SW-1 @ 0.75'	Soluble	Solid	300.0	36170
880-19973-11 MS	CS-1 @ 1.5'	Soluble	Solid	300.0	36170
880-19973-11 MSD	CS-1 @ 1.5'	Soluble	Solid	300.0	36170

Analysis Batch: 36195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-21	CS-11 @ 2'	Soluble	Solid	300.0	36171
880-19973-22	CS-12 @ 2'	Soluble	Solid	300.0	36171
880-19973-23	CS-13 @ 2'	Soluble	Solid	300.0	36171
880-19973-24	CS-14 @ 2'	Soluble	Solid	300.0	36171
880-19973-25	CS-15 @ 2'	Soluble	Solid	300.0	36171
880-19973-26	CS-16 @ 2'	Soluble	Solid	300.0	36171
880-19973-27	CS-17 @ 4'	Soluble	Solid	300.0	36171
880-19973-28	CS-18 @ 4'	Soluble	Solid	300.0	36171
880-19973-29	CS-19 @ 4'	Soluble	Solid	300.0	36171
880-19973-30	CS-20 @ 4'	Soluble	Solid	300.0	36171
880-19973-31	CS-21 @ 4'	Soluble	Solid	300.0	36171
880-19973-32	CS-22 @ 4'	Soluble	Solid	300.0	36171
880-19973-33	CS-23 @ 4'	Soluble	Solid	300.0	36171
880-19973-34	CS-24 @ 4'	Soluble	Solid	300.0	36171
880-19973-35	CS-25 @ 4'	Soluble	Solid	300.0	36171
880-19973-36	CS-26 @ 4'	Soluble	Solid	300.0	36171
880-19973-37	CS-27 @ 4'	Soluble	Solid	300.0	36171
880-19973-38	CS-28 @ 4'	Soluble	Solid	300.0	36171
880-19973-39	CS-29 @ 4'	Soluble	Solid	300.0	36171
880-19973-40	CS-30 @ 4'	Soluble	Solid	300.0	36171
MB 880-36171/1-A	Method Blank	Soluble	Solid	300.0	36171
LCS 880-36171/2-A	Lab Control Sample	Soluble	Solid	300.0	36171
LCSD 880-36171/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	36171
880-19973-21 MS	CS-11 @ 2'	Soluble	Solid	300.0	36171
880-19973-21 MSD	CS-11 @ 2'	Soluble	Solid	300.0	36171
880-19973-31 MS	CS-21 @ 4'	Soluble	Solid	300.0	36171
880-19973-31 MSD	CS-21 @ 4'	Soluble	Solid	300.0	36171

Analysis Batch: 36196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-41	CS-31 @ 1.5'	Soluble	Solid	300.0	36174

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 36196 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19973-42	CS-32 @ 2'	Soluble	Solid	300.0	36174
880-19973-43	CS-33 @ 2'	Soluble	Solid	300.0	36174
880-19973-44	CS-34 @ 2'	Soluble	Solid	300.0	36174
880-19973-45	CS-35 @ 2'	Soluble	Solid	300.0	36174
880-19973-46	CS-36 @ 2'	Soluble	Solid	300.0	36174
880-19973-47	CS-37 @ 4'	Soluble	Solid	300.0	36174
880-19973-48	CS-38 @ 4'	Soluble	Solid	300.0	36174
880-19973-49	CS-39 @ 4'	Soluble	Solid	300.0	36174
880-19973-50	CS-40 @ 4'	Soluble	Solid	300.0	36174
880-19973-51	CS-41 @ 4'	Soluble	Solid	300.0	36174
MB 880-36174/1-A	Method Blank	Soluble	Solid	300.0	36174
LCS 880-36174/2-A	Lab Control Sample	Soluble	Solid	300.0	36174
LCSD 880-36174/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	36174
880-19973-41 MS	CS-31 @ 1.5'	Soluble	Solid	300.0	36174
880-19973-41 MSD	CS-31 @ 1.5'	Soluble	Solid	300.0	36174
880-19973-51 MS	CS-41 @ 4'	Soluble	Solid	300.0	36174
880-19973-51 MSD	CS-41 @ 4'	Soluble	Solid	300.0	36174

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-SW-1 @ 0.75'

Lab Sample ID: 880-19973-1

Date Collected: 10/04/22 08:00

Matrix: Solid

Date Received: 10/05/22 10:00

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	36203	10/05/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36225	10/06/22 10:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 22:20	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 00:59	CH	EET MID

Client Sample ID: CS-SW-2 @ 1'

Lab Sample ID: 880-19973-2

Date Collected: 10/04/22 08:05

Matrix: Solid

Date Received: 10/05/22 10:00

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	36259	10/06/22 10:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36230	10/06/22 13:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 23:25	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 01:22	CH	EET MID

Client Sample ID: CS-SW-3 @ 2'

Lab Sample ID: 880-19973-3

Date Collected: 10/04/22 08:10

Matrix: Solid

Date Received: 10/05/22 10:00

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	36259	10/06/22 10:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36230	10/06/22 14:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 23:46	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 01:30	CH	EET MID

Client Sample ID: CS-SW-4 @ 2'

Lab Sample ID: 880-19973-4

Date Collected: 10/04/22 08:15

Matrix: Solid

Date Received: 10/05/22 10:00

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	36259	10/06/22 10:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36230	10/06/22 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-SW-4 @ 2'

Lab Sample ID: 880-19973-4

Date Collected: 10/04/22 08:15

Matrix: Solid

Date Received: 10/05/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 00:07	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 01:37	CH	EET MID

Client Sample ID: CS-SW-5 @ 0.75'

Lab Sample ID: 880-19973-5

Date Collected: 10/04/22 08:20

Matrix: Solid

Date Received: 10/05/22 10:00

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	36259	10/06/22 10:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36230	10/06/22 15:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 00:28	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 01:45	CH	EET MID

Client Sample ID: CS-SW-6 @ 2'

Lab Sample ID: 880-19973-6

Date Collected: 10/04/22 08:25

Matrix: Solid

Date Received: 10/05/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	36259	10/06/22 10:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36230	10/06/22 15:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 00:50	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 02:08	CH	EET MID

Client Sample ID: CS-SW-7 @ 1'

Lab Sample ID: 880-19973-7

Date Collected: 10/04/22 08:30

Matrix: Solid

Date Received: 10/05/22 10:00

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	36259	10/06/22 10:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36230	10/06/22 15:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 01:11	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-SW-7 @ 1'

Lab Sample ID: 880-19973-7

Date Collected: 10/04/22 08:30

Matrix: Solid

Date Received: 10/05/22 10:00

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	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 02:16	CH	EET MID

Client Sample ID: CS-SW-8 @ 2'

Lab Sample ID: 880-19973-8

Date Collected: 10/04/22 07:35

Matrix: Solid

Date Received: 10/05/22 10:00

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	36259	10/06/22 10:45	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36230	10/06/22 16:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 01:31	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 02:24	CH	EET MID

Client Sample ID: CS-SW-9 @ 2'

Lab Sample ID: 880-19973-9

Date Collected: 10/04/22 08:40

Matrix: Solid

Date Received: 10/05/22 10:00

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	36328	10/07/22 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/07/22 16:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 01:53	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 02:31	CH	EET MID

Client Sample ID: CS-SW-10 @ 2'

Lab Sample ID: 880-19973-10

Date Collected: 10/04/22 08:45

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 13:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 02:14	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 02:39	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 @ 1.5'

Lab Sample ID: 880-19973-11

Date Collected: 10/04/22 09:00

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 14:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 02:56	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 02:47	CH	EET MID

Client Sample ID: CS-2 @ 1.5'

Lab Sample ID: 880-19973-12

Date Collected: 10/04/22 09:05

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 14:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 03:17	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 03:10	CH	EET MID

Client Sample ID: CS-3 @ 1.5'

Lab Sample ID: 880-19973-13

Date Collected: 10/04/22 09:10

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 14:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 03:38	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 03:18	CH	EET MID

Client Sample ID: CS-4 @ 1.5'

Lab Sample ID: 880-19973-14

Date Collected: 10/04/22 09:15

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 15:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-4 @ 1.5'

Lab Sample ID: 880-19973-14

Date Collected: 10/04/22 09:15

Matrix: Solid

Date Received: 10/05/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 04:00	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 03:41	CH	EET MID

Client Sample ID: CS-5 @ 1.5'

Lab Sample ID: 880-19973-15

Date Collected: 10/04/22 09:20

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 15:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 04:21	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 03:48	CH	EET MID

Client Sample ID: CS-6 @ 1.5'

Lab Sample ID: 880-19973-16

Date Collected: 10/04/22 09:25

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 15:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 04:41	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 03:56	CH	EET MID

Client Sample ID: CS-7 @ 1.5'

Lab Sample ID: 880-19973-17

Date Collected: 10/04/22 09:30

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 16:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 05:03	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 @ 1.5'

Lab Sample ID: 880-19973-17

Date Collected: 10/04/22 09:30

Matrix: Solid

Date Received: 10/05/22 10:00

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 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 04:04	CH	EET MID

Client Sample ID: CS-8 @ 1.5'

Lab Sample ID: 880-19973-18

Date Collected: 10/04/22 09:35

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 16:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 05:24	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 04:11	CH	EET MID

Client Sample ID: CS-9 @ 1.5'

Lab Sample ID: 880-19973-19

Date Collected: 10/04/22 09:40

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 16:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36281	10/06/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 05:44	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 04:19	CH	EET MID

Client Sample ID: CS-10 @ 2'

Lab Sample ID: 880-19973-20

Date Collected: 10/04/22 09:45

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 18:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36177	10/05/22 11:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/06/22 06:06	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	36170	10/05/22 11:04	SMC	EET MID
Soluble	Analysis	300.0		1			36193	10/06/22 04:27	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-11 @ 2'

Lab Sample ID: 880-19973-21

Date Collected: 10/04/22 09:50

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 15:03	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		1			36195	10/06/22 05:29	CH	EET MID

Client Sample ID: CS-12 @ 2'

Lab Sample ID: 880-19973-22

Date Collected: 10/04/22 09:55

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 15:25	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		1			36195	10/06/22 05:52	CH	EET MID

Client Sample ID: CS-13 @ 2'

Lab Sample ID: 880-19973-23

Date Collected: 10/04/22 10:00

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 15:53	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		1			36195	10/06/22 05:59	CH	EET MID

Client Sample ID: CS-14 @ 2'

Lab Sample ID: 880-19973-24

Date Collected: 10/04/22 10:05

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-14 @ 2'

Lab Sample ID: 880-19973-24

Date Collected: 10/04/22 10:05

Matrix: Solid

Date Received: 10/05/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 16:35	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		1			36195	10/06/22 06:07	CH	EET MID

Client Sample ID: CS-15 @ 2'

Lab Sample ID: 880-19973-25

Date Collected: 10/04/22 10:10

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 20:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 16:57	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		1			36195	10/06/22 06:15	CH	EET MID

Client Sample ID: CS-16 @ 2'

Lab Sample ID: 880-19973-26

Date Collected: 10/04/22 10:15

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 20:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 17:18	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		1			36195	10/06/22 06:38	CH	EET MID

Client Sample ID: CS-17 @ 4'

Lab Sample ID: 880-19973-27

Date Collected: 10/04/22 10:20

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 20:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 17:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-17 @ 4'

Lab Sample ID: 880-19973-27

Date Collected: 10/04/22 10:20

Matrix: Solid

Date Received: 10/05/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		10			36195	10/06/22 06:46	CH	EET MID

Client Sample ID: CS-18 @ 4'

Lab Sample ID: 880-19973-28

Date Collected: 10/04/22 10:25

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 21:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 18:01	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		10			36195	10/06/22 06:53	CH	EET MID

Client Sample ID: CS-19 @ 4'

Lab Sample ID: 880-19973-29

Date Collected: 10/04/22 10:30

Matrix: Solid

Date Received: 10/05/22 10:00

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	36204	10/05/22 16:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/06/22 21:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 18:22	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		10			36195	10/06/22 07:01	CH	EET MID

Client Sample ID: CS-20 @ 4'

Lab Sample ID: 880-19973-30

Date Collected: 10/04/22 10:35

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 01:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 18:44	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		10			36195	10/06/22 07:09	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-21 @ 4'

Lab Sample ID: 880-19973-31

Date Collected: 10/04/22 10:40

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 01:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 19:05	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		10			36195	10/06/22 07:16	CH	EET MID

Client Sample ID: CS-22 @ 4'

Lab Sample ID: 880-19973-32

Date Collected: 10/04/22 10:45

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 01:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 19:26	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		10			36195	10/06/22 07:39	CH	EET MID

Client Sample ID: CS-23 @ 4'

Lab Sample ID: 880-19973-33

Date Collected: 10/04/22 10:50

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 02:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36140	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36115	10/05/22 19:48	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		10			36195	10/06/22 07:47	CH	EET MID

Client Sample ID: CS-24 @ 4'

Lab Sample ID: 880-19973-34

Date Collected: 10/04/22 10:55

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 02:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-24 @ 4'

Lab Sample ID: 880-19973-34

Date Collected: 10/04/22 10:55

Matrix: Solid

Date Received: 10/05/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36141	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 15:25	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		10			36195	10/06/22 10:49	CH	EET MID

Client Sample ID: CS-25 @ 4'

Lab Sample ID: 880-19973-35

Date Collected: 10/04/22 11:00

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 02:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36141	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 15:53	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		10			36195	10/06/22 10:57	CH	EET MID

Client Sample ID: CS-26 @ 4'

Lab Sample ID: 880-19973-36

Date Collected: 10/04/22 11:05

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 03:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36141	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 16:35	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		10			36195	10/06/22 11:04	CH	EET MID

Client Sample ID: CS-27 @ 4'

Lab Sample ID: 880-19973-37

Date Collected: 10/04/22 11:10

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 03:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36141	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 16:57	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-27 @ 4'

Lab Sample ID: 880-19973-37

Date Collected: 10/04/22 11:10

Matrix: Solid

Date Received: 10/05/22 10:00

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 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		10			36195	10/06/22 11:12	CH	EET MID

Client Sample ID: CS-28 @ 4'

Lab Sample ID: 880-19973-38

Date Collected: 10/04/22 11:15

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 03:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36141	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 17:18	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		1			36195	10/06/22 11:20	CH	EET MID

Client Sample ID: CS-29 @ 4'

Lab Sample ID: 880-19973-39

Date Collected: 10/04/22 11:20

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 04:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36141	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 17:39	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		1			36195	10/06/22 11:28	CH	EET MID

Client Sample ID: CS-30 @ 4'

Lab Sample ID: 880-19973-40

Date Collected: 10/04/22 11:25

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 06:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36141	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 18:01	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	36171	10/05/22 11:13	SMC	EET MID
Soluble	Analysis	300.0		1			36195	10/06/22 11:35	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-31 @ 1.5'

Lab Sample ID: 880-19973-41

Date Collected: 10/04/22 11:30

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 06:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36141	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 18:22	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36174	10/05/22 11:18	SMC	EET MID
Soluble	Analysis	300.0		1			36196	10/06/22 09:07	CH	EET MID

Client Sample ID: CS-32 @ 2'

Lab Sample ID: 880-19973-42

Date Collected: 10/04/22 11:35

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 06:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36141	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 18:44	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	36174	10/05/22 11:18	SMC	EET MID
Soluble	Analysis	300.0		1			36196	10/06/22 09:24	CH	EET MID

Client Sample ID: CS-33 @ 2'

Lab Sample ID: 880-19973-43

Date Collected: 10/04/22 11:40

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 07:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36141	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 19:05	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36174	10/05/22 11:18	SMC	EET MID
Soluble	Analysis	300.0		1			36196	10/06/22 09:30	CH	EET MID

Client Sample ID: CS-34 @ 2'

Lab Sample ID: 880-19973-44

Date Collected: 10/04/22 11:45

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 07:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-34 @ 2'

Lab Sample ID: 880-19973-44

Date Collected: 10/04/22 11:45

Matrix: Solid

Date Received: 10/05/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36141	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 19:26	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	36174	10/05/22 11:18	SMC	EET MID
Soluble	Analysis	300.0		1			36196	10/06/22 09:36	CH	EET MID

Client Sample ID: CS-35 @ 2'

Lab Sample ID: 880-19973-45

Date Collected: 10/04/22 11:50

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 07:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36141	10/05/22 11:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 19:48	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36174	10/05/22 11:18	SMC	EET MID
Soluble	Analysis	300.0		1			36196	10/06/22 09:42	CH	EET MID

Client Sample ID: CS-36 @ 2'

Lab Sample ID: 880-19973-46

Date Collected: 10/04/22 11:55

Matrix: Solid

Date Received: 10/05/22 10:00

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	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 08:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 22:20	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36174	10/05/22 11:18	SMC	EET MID
Soluble	Analysis	300.0		1			36196	10/06/22 09:59	CH	EET MID

Client Sample ID: CS-37 @ 4'

Lab Sample ID: 880-19973-47

Date Collected: 10/04/22 12:00

Matrix: Solid

Date Received: 10/05/22 10:00

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	36328	10/07/22 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/07/22 16:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 23:25	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-37 @ 4'

Lab Sample ID: 880-19973-47

Date Collected: 10/04/22 12:00

Matrix: Solid

Date Received: 10/05/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	36174	10/05/22 11:18	SMC	EET MID
Soluble	Analysis	300.0		1			36196	10/06/22 10:05	CH	EET MID

Client Sample ID: CS-38 @ 4'

Lab Sample ID: 880-19973-48

Date Collected: 10/04/22 12:05

Matrix: Solid

Date Received: 10/05/22 10:00

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	36328	10/07/22 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/07/22 18:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/05/22 23:46	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	36174	10/05/22 11:18	SMC	EET MID
Soluble	Analysis	300.0		1			36196	10/06/22 10:11	CH	EET MID

Client Sample ID: CS-39 @ 4'

Lab Sample ID: 880-19973-49

Date Collected: 10/04/22 12:10

Matrix: Solid

Date Received: 10/05/22 10:00

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	36328	10/07/22 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/07/22 18:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 00:07	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36174	10/05/22 11:18	SMC	EET MID
Soluble	Analysis	300.0		1			36196	10/06/22 10:17	CH	EET MID

Client Sample ID: CS-40 @ 4'

Lab Sample ID: 880-19973-50

Date Collected: 10/04/22 12:15

Matrix: Solid

Date Received: 10/05/22 10:00

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	36284	10/06/22 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36323	10/07/22 10:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 00:28	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36174	10/05/22 11:18	SMC	EET MID
Soluble	Analysis	300.0		1			36196	10/06/22 10:22	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Client Sample ID: CS-41 @ 4'
Date Collected: 10/04/22 12:20
Date Received: 10/05/22 10:00

Lab Sample ID: 880-19973-51
Matrix: Solid

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	36284	10/06/22 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36323	10/07/22 11:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36360	10/07/22 10:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36258	10/06/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 00:50	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36174	10/05/22 11:18	SMC	EET MID
Soluble	Analysis	300.0		1			36196	10/06/22 10:28	CH	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: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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	T104704400-22-24	06-30-23

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: Copperhead Fee 31E CTB

Job ID: 880-19973-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-19973-1	CS-SW-1 @ 0.75'	Solid	10/04/22 08:00	10/05/22 10:00	0.75'
880-19973-2	CS-SW-2 @ 1'	Solid	10/04/22 08:05	10/05/22 10:00	1'
880-19973-3	CS-SW-3 @ 2'	Solid	10/04/22 08:10	10/05/22 10:00	2'
880-19973-4	CS-SW-4 @ 2'	Solid	10/04/22 08:15	10/05/22 10:00	2'
880-19973-5	CS-SW-5 @ 0.75'	Solid	10/04/22 08:20	10/05/22 10:00	0.75'
880-19973-6	CS-SW-6 @ 2'	Solid	10/04/22 08:25	10/05/22 10:00	2'
880-19973-7	CS-SW-7 @ 1'	Solid	10/04/22 08:30	10/05/22 10:00	1'
880-19973-8	CS-SW-8 @ 2'	Solid	10/04/22 07:35	10/05/22 10:00	2'
880-19973-9	CS-SW-9 @ 2'	Solid	10/04/22 08:40	10/05/22 10:00	2'
880-19973-10	CS-SW-10 @ 2'	Solid	10/04/22 08:45	10/05/22 10:00	2'
880-19973-11	CS-1 @ 1.5'	Solid	10/04/22 09:00	10/05/22 10:00	1.5'
880-19973-12	CS-2 @ 1.5'	Solid	10/04/22 09:05	10/05/22 10:00	1.5'
880-19973-13	CS-3 @ 1.5'	Solid	10/04/22 09:10	10/05/22 10:00	1.5'
880-19973-14	CS-4 @ 1.5'	Solid	10/04/22 09:15	10/05/22 10:00	1.5'
880-19973-15	CS-5 @ 1.5'	Solid	10/04/22 09:20	10/05/22 10:00	1.5'
880-19973-16	CS-6 @ 1.5'	Solid	10/04/22 09:25	10/05/22 10:00	1.5'
880-19973-17	CS-7 @ 1.5'	Solid	10/04/22 09:30	10/05/22 10:00	1.5'
880-19973-18	CS-8 @ 1.5'	Solid	10/04/22 09:35	10/05/22 10:00	1.5'
880-19973-19	CS-9 @ 1.5'	Solid	10/04/22 09:40	10/05/22 10:00	1.5'
880-19973-20	CS-10 @ 2'	Solid	10/04/22 09:45	10/05/22 10:00	2'
880-19973-21	CS-11 @ 2'	Solid	10/04/22 09:50	10/05/22 10:00	2'
880-19973-22	CS-12 @ 2'	Solid	10/04/22 09:55	10/05/22 10:00	2'
880-19973-23	CS-13 @ 2'	Solid	10/04/22 10:00	10/05/22 10:00	2'
880-19973-24	CS-14 @ 2'	Solid	10/04/22 10:05	10/05/22 10:00	2'
880-19973-25	CS-15 @ 2'	Solid	10/04/22 10:10	10/05/22 10:00	2'
880-19973-26	CS-16 @ 2'	Solid	10/04/22 10:15	10/05/22 10:00	2'
880-19973-27	CS-17 @ 4'	Solid	10/04/22 10:20	10/05/22 10:00	4'
880-19973-28	CS-18 @ 4'	Solid	10/04/22 10:25	10/05/22 10:00	4'
880-19973-29	CS-19 @ 4'	Solid	10/04/22 10:30	10/05/22 10:00	4'
880-19973-30	CS-20 @ 4'	Solid	10/04/22 10:35	10/05/22 10:00	4'
880-19973-31	CS-21 @ 4'	Solid	10/04/22 10:40	10/05/22 10:00	4'
880-19973-32	CS-22 @ 4'	Solid	10/04/22 10:45	10/05/22 10:00	4'
880-19973-33	CS-23 @ 4'	Solid	10/04/22 10:50	10/05/22 10:00	4'
880-19973-34	CS-24 @ 4'	Solid	10/04/22 10:55	10/05/22 10:00	4'
880-19973-35	CS-25 @ 4'	Solid	10/04/22 11:00	10/05/22 10:00	4'
880-19973-36	CS-26 @ 4'	Solid	10/04/22 11:05	10/05/22 10:00	4'
880-19973-37	CS-27 @ 4'	Solid	10/04/22 11:10	10/05/22 10:00	4'
880-19973-38	CS-28 @ 4'	Solid	10/04/22 11:15	10/05/22 10:00	4'
880-19973-39	CS-29 @ 4'	Solid	10/04/22 11:20	10/05/22 10:00	4'
880-19973-40	CS-30 @ 4'	Solid	10/04/22 11:25	10/05/22 10:00	4'
880-19973-41	CS-31 @ 1.5'	Solid	10/04/22 11:30	10/05/22 10:00	1.5'
880-19973-42	CS-32 @ 2'	Solid	10/04/22 11:35	10/05/22 10:00	2'
880-19973-43	CS-33 @ 2'	Solid	10/04/22 11:40	10/05/22 10:00	2'
880-19973-44	CS-34 @ 2'	Solid	10/04/22 11:45	10/05/22 10:00	2'
880-19973-45	CS-35 @ 2'	Solid	10/04/22 11:50	10/05/22 10:00	2'
880-19973-46	CS-36 @ 2'	Solid	10/04/22 11:55	10/05/22 10:00	2'
880-19973-47	CS-37 @ 4'	Solid	10/04/22 12:00	10/05/22 10:00	4'
880-19973-48	CS-38 @ 4'	Solid	10/04/22 12:05	10/05/22 10:00	4'
880-19973-49	CS-39 @ 4'	Solid	10/04/22 12:10	10/05/22 10:00	4'
880-19973-50	CS-40 @ 4'	Solid	10/04/22 12:15	10/05/22 10:00	4'
880-19973-51	CS-41 @ 4'	Solid	10/04/22 12:20	10/05/22 10:00	4'



Environment Testing
Xenco

Chain of Custody

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

Work Order No: 19973

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Project Manager		Bill to (if different)	
Company Name		Company Name	
Address		Address	
City, State ZIP		City, State ZIP	
Phone		Email	

Project Name		Turn Around	
Project Number		Pres. Code	
Project Location		Due Date	
Sampler's Name		TAT starts the day received by the lab, if received by 4:30pm	
PO #		Wet Ice	
SAMPLE RECEIPT		Thermometer ID	
Samples Received Intact:		Correction Factor	
Cooler Custody Seals:		Temperature Reading	
Sample Custody Seals:		Corrected Temperature:	
Total Containers:			

ANALYSIS REQUEST				Preservative Codes	
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp
CS-SW-1 @ 0.75'	SS	10/4/22	0800	0.75'	C
CS-SW-2 @ 1'			0805	1'	
CS-SW-3 @ 2'			0810	2'	
CS-SW-4 @ 2'			0815	2'	
CS-SW-5 @ 0.75'			0820	0.75'	
CS-SW-6 @ 2'			0825	2'	
CS-SW-7 @ 1'			0830	1'	
CS-SW-8 @ 2'			0835	2'	
CS-SW-9 @ 2'			0840	2'	
CS-SW-10 @ 2'			0845	2'	

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
Made Ruyter	[Signature]	10/6/22			
		1000			

Revised Date: 08/25/2020 Rev: 2002.2



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

Environment Testing
Xenco

Work Order No: 19973

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Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	JEC	Company Name	
Address	10 Delta Dr. Ste 130E	Address	
City, State ZIP	Midland, TX 79705	City, State ZIP	
Phone	432-238-3003	Email	Jared.Mish, Jke.Tavarez

Project Name	Capitol Fed 31E CTS	Turn Around	☒ Routine ☒ Rush	Pres. Code	
Project Number	504019	Due Date			
Project Location	Eddy Co., NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name	Misha Bryant				
PO #					

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	TFA	BRE	Chlo																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</
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Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	
CS-1 @ 1.5'	SS	10/4/22	0900	1.5'	C	1	
CS-2 @ 1.5'			0905	1.5'			
CS-3 @ 1.5'			0910	1.5'			
CS-4 @ 1.5'			0915	1.5'			
CS-5 @ 1.5'			0920	1.5'			
CS-6 @ 1.5'			0925	1.5'			
CS-7 @ 1.5'			0930	1.5'			
CS-8 @ 1.5'			0935	1.5'			
CS-9 @ 1.5'			0940	1.5'			
CS-10 @ 2'			0945	2'			

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 SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245 1 / 7470 / 7471

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Misha Bryant	Jared Stoffel	10/5/22			
		1000			

Revised Date: 08/25/2020 Rev 2020.2



Environment Testing
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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

Work Order No: 19973

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Work Order Comments

Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: NM

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADAPT ☐ Other

Project Manager: Tara Stapp

Company Name: TRC

Address: 10 Delta Dr. Ste 306

City, State Zip: Midland, TX 79705

Phone: 432-238-3003

Email: Tara.Stapp@trc.com

Bill to: (if different)

Company Name:

Address:

City, State Zip:

Project Name: <u>Copperhead Fee Site CTB</u>		Turn Around		Parameters		ANALYSIS REQUEST		Preservative Codes	
Project Number: <u>504094</u>	Project Location: <u>Edley Co., NM</u>	☐ Routine	☒ Rush	Temp Blank:	Wet Ice:	Depth:	Time Sampled:	Date Sampled:	Matrix:
Sampler's Name: <u>M. St. Bryant</u>	P.O. #:	Due Date:	TAT starts the day received by the lab, if received by 4:30pm	Yes	No	Yes	No		
SAMPLE RECEIPT Samples Received Intact: Yes ☐ No ☐ Thermometer ID: Cooler Custody Seals: Yes ☐ No ☐ Correction Factor: Sample Custody Seals: Yes ☐ No ☐ Temperature Reading: Total Containers:									
<u>C5-11 @ 2'</u>	<u>SS</u>	<u>10/14/23</u>	<u>0950</u>	<u>2'</u>	<u>X</u>	<u>TRH BCISM</u>	<u>X</u>	<u>BTX 8021B</u>	<u>X</u>
<u>C5-12 @ 2'</u>			<u>0955</u>						
<u>C5-13 @ 2'</u>			<u>1000</u>						
<u>C5-14 @ 2'</u>			<u>1005</u>						
<u>C5-15 @ 2'</u>			<u>1010</u>						
<u>C5-16 @ 2'</u>			<u>1015</u>						
<u>C5-17 @ 4'</u>			<u>1020</u>	<u>4'</u>					
<u>C5-18 @ 4'</u>			<u>1025</u>						
<u>C5-19 @ 4'</u>			<u>1030</u>						
<u>C5-20 @ 4'</u>			<u>1035</u>						

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 SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2451 / 7470 / 7471

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<u>M. St. Bryant</u>	<u>[Signature]</u>	<u>10/18/22</u>			
		<u>1000</u>			

Revised Date: 08/25/2020 Rev. 2020.2



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

Environment Testing
Xenco

Work Order No: 19973

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Project Manager:	Jared Stauffer
Company Name:	TRC
Address:	10 Preston Dr Ste 130E
City, State ZIP:	Midland, TX 79705
Phone:	432-288-3003

Project Name:	Capitol Fed 31E CTB
Project Number:	504049
Project Location:	Edley 10, NM
Sampler's Name:	Misti Bryant
P.O. #	

Project Name:		Turn Around		Pres. Code	
Project Number:		Routine ☒ Rush ☐			
Project Location:		Due Date:			
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm			
P.O. #					

Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</
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Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 2451 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
Misti Bryant	Jared Stauffer		

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody

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Environment Testing
Xerox

Work Order No:

9973

Page 9 of 9
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Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-19973-1

SDG Number: Eddy Co, NM

Login Number: 19973

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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 D: Closure Pages Form C-141

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: Ake Tavaraz Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 11/16/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

District I

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

District II

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

District III

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

District IV

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

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

CONDITIONS

Action 151831

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 151831
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please note the coordinates for the dtw boring do not match the location on the site plan.	11/16/2022