Remediation Summary and Site Closure Request

July 8, 2025

Azores Water Line

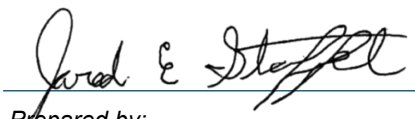
NMOCD Reference Number:
NAPP2334550060

Prepared For:

ConocoPhillips, LLC.
600 W Illinois Avenue
Midland, TX 79701

Prepared By:

TRC Environmental Corporation
505 E. Huntland Dr. STE 250
Austin, TX 78752



Prepared by:
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Senior Project Manager

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APPENDICES

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 Azores Water Line (the Site). The legal description of the Site is Unit Letter "B", Section 32, Township 24 South, Range 32 East, in Lea County, New Mexico. The subject property is owned by the United States Federal government and is administered by the Bureau of Land Management (BLM). The GPS coordinates for the Site are N 32.1807° W 103.6954°. **Figure 1** depicts the site location.

On December 8, 2023, COP had a ruptured water line occur at the Site due to corrosion which released approximately 168 barrels (bbls) of produced water to the ground surface and affected approximately 23,800 square feet. Approximately 9,300 square feet of the release footprint are on the production pad, and 14,500 square feet of the affected area are in the adjacent pastureland. On December 11, 2023, COP notified the New Mexico Oil and Conservation Division (NMOCD) of the release through their website portal. The submission and documentation of NMOCD correspondence is provided as **Appendix A**.

During initial response activities, a vacuum truck was dispatched to recover any recoverable freestanding fluids. A total of 140 bbls of produced water was recovered. The net loss of produced water was approximately 28 bbls.

On March 26, 2024, the initial Release Notification and Corrective Action (Form C-141) was submitted to the NMOCD through the portal, as the filed Notice of Release (NOR) was thought to be a C-141 submission. A copy of the NMOCD submitted Form C-141 for the release is also provided in **Appendix A**.

2.0 Site Characterization and Regulatory Framework

A groundwater database maintained by The New Mexico Office of the State Engineer (NMOSE) did not identify any registered water wells in Section 32, Township 24 South, Range 32 East. The nearest well recorded in the NMOSE groundwater database is located approximately 1 mile southeast of the Site and has no documented depth to water. However, an adjacent COP remediation site (nAPP2124346388) included a 105-foot bgs depth to water boring which was dry after 72 hours. The dry boring was installed within the 0.5 mile groundwater determination radius, and the groundwater depth determination for the Site will be greater than 100 feet bgs. The database search is included as part of the NMOCD approved workplan in **Appendix B**.

In addition to a groundwater depth of greater than 100 feet bgs, no sensitive receptors were identified within the conditional radii of the Site, including:

- Lateral extents are NOT within 300 feet of a continuously flowing watercourse or any other significant watercourse.

- Lateral extents are NOT within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).
- Lateral extents are NOT within 300 feet of an occupied permanent residence, school, hospital, institution, or church.
- Lateral extents are NOT within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes.
- Lateral extents are NOT within 1,000 feet of any other fresh water well or spring.
- Lateral extents are NOT within incorporated municipal boundaries or within a defined municipal fresh water field.
- Lateral extents are NOT within 300 feet of a wetland.
- Lateral extents are NOT overlying a subsurface mine.
- Lateral extents are NOT overlying an unstable area such as karst geology (low karst potential according to the BLM dataset).
- Lateral extents are NOT within a 100-year floodplain.
- The release DID impact an area not on an exploration, development, production, or storage site.

The site characteristics listed on the Form C-141 above are depicted in **Figure 2**. The karst potential designation, as outlined in the BLM publicly available Karst Potential dataset, is depicted in **Figure 3**.

Azores Water Line Release Site is greater than 100 feet below ground surface (bgs), has low karst potential, and the lateral extents are not near identified receptors as outlined in the Form C-141. Therefore, the NMOCD *Closure Criteria for Soils Impacted by a Release* warrants the least stringent closure criteria as follows:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- TPH: 1,000 mg/kg (GRO + DRO)
- TPH: 2,500 mg/kg (GRO + DRO + MRO)
- Chloride: 20,000 mg/kg

However, a portion of the release is in the adjacent pastureland not on an exploration, development, production, or storage site. In the pasture, the soil four (4) feet and deeper will be subject to the remediation standard outlined above, but soils shallower than four (4) feet bgs will be subject to the NMOCD reclamation standards as follows:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- TPH: 100 mg/kg (GRO + DRO + MRO)
- Chloride: 600 mg/kg

3.0 NMOCD Approved Workplan

On May 30, 2024, a remediation workplan was submitted to the New Mexico Oil Conservation Division (NMOCD) by TRC, on behalf of COP.

In the approved remediation workplan consisted of:

- Excavation of soil exhibiting chloride concentrations above NMOCD closure criteria in the release footprint ranging from a depth of approximately 2 feet bgs 'on-pad' and 4 feet bgs 'off pad'.
- Following excavation soil above NMOCD closure criteria, five-point composite confirmation samples would be collected from the sidewalls and floor of the excavation, each representative of no more than 500 square feet.
- Collected samples would be submitted to the laboratory for TPH analysis by Method SW 846 8015 modified, BTEX by Method SW 846 8021B, and chloride by EPA Method 300.0.
- Excavation activities would continue until the final excavation extent confirms compliance with the most stringent closure criteria in the upper four feet, and with the least stringent closure criteria at depths of four feet bgs and greater.
- Excavated soil would be disposed of at a licensed disposal facility.
- Once excavation activities are complete, the excavation would be backfilled with material purchased locally and recontoured to match pre-existing site conditions.

The NMOCD approved the workplan with no additional stipulations on June 7, 2024. The approved workplan is provided as **Appendix B**.

4.0 Site Hazards and Remediation Safety Considerations

Significant site safety hazards exist at the site, which potentially impact the feasibility of safely completing the excavation of impacted soil on the site. These safety hazards and concerns include:

Subsurface Utilities

- A buried electrical line runs through the affected area, from the power poles to the northeast to the pumpjack on the pad.
- The electrical line has a 480V capacity and as such is a hazard to excavation with metallic equipment.
- Excavation cannot occur within 3 feet of the buried line while active.

Overhead Power Lines and Associated Power Poles

- The overhead power lines that run along the northern side of the affected area present a significant hazard to people and equipment operating in proximity. The presence of these overhead power lines limits the ability to use heavy equipment in the areas closest to those power lines.

- Safety requirements include maintaining a 10-foot exclusion zone between the overhead power lines and any operating equipment. These requirements around overhead power lines require use of smaller equipment for soil removal.

- The power poles which support the overhead power lines are present in or near the affected area. Excavation cannot occur within 3 feet of the poles to ensure they cannot slip out of place or lean away from vertical.

Surface Utilities

- The flat line (water line) is still present in the area, running E-W parallel to the lease road along the northern extent of the release footprint. If affected soil is present all the way to the flatline, the flat line will need to be removed from the area due to safety and access issues.

- A 3-inch steel pipeline that is partially buried runs E-W parallel to the lease road along the northern extent of the release footprint.

5.0 Summary of Soil Remediation Activities - 2024

Soil remediation activities commenced on August 20, 2024, at the Site. The soil sample locations which exhibited chloride concentrations above the reclamation guidelines in the workplan phase were excavated, and the excavation was advanced laterally until field chloride screening data indicated the affected soil had been removed. The excavation was advanced to a depth of approximately 4 ft bgs in the pasture and 2ft bgs on the well pad. Excavation did not occur inside the safety corridor established within 3 feet of any of the buried infrastructure, including buried electrical lines and power poles. The safety corridor was established to prevent damage to the infrastructure and ensure the safety of onsite personnel conducting the remediation. **Figure 4** depicts the excavation footprint and the associated soil sample locations. All soil was staged on polyvinyl sheeting adjacent to the excavation site until the appropriate time to relocate the excavated soil to a nearby separate COP well pad for transportation to the Northern Delaware Basin Disposal.

Confirmation soil samples were collected from the sidewalls and floor of the excavation on a one five-point composite soil sample per 500 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.

Fourteen (14) confirmation sidewall soil samples (East SW Pasture-1, South SW Pasture-1, West SW Pasture-1, Southwest SW Pasture-1, North SW Pad-1, South SW Pad-1, North SW Pasture-1, West SW Pad-1, East SW Pasture-2, North SW Pasture-2, North SW Pasture-3, South SW Pad-2, East SW Pasture-3, West SW Pasture-2) were collected from the walls of the excavation to confirm the lateral extents of the affected soil had been removed. Each sidewall confirmation soil sample exhibited COC concentrations below the most stringent NMOCD regulatory guidelines.

Floor samples F-1 through F-12 were collected in the 'on pad' two-foot pad area, and as such were subject to the more stringent reclamation standards. Floor samples F-13 through F-30 were collected in the four-foot excavation in the pasture area and were subject to the less stringent remediation standards. Each floor confirmation soil sample exhibited COC concentrations below the respective NMOCD regulatory guidelines.

The analytical results indicated each remaining in-situ soil sample exhibited chloride concentrations below NMOCD regulatory guidelines. Analytical results are summarized in **Table 1**. After review of all the analytical results, the excavation was backfilled to grade with commercially sourced backfilled material. The site was contoured and compacted to meet COP requirements. All excavated soils were transported offsite to the Northern Delaware Basin disposal facility.

6.0 Submission of Closure Request and Subsequent NMOCD Denial

On December 4, 2024, a closure request was submitted to the NMOCD documenting the remediation conducted in 2024. On March 17, 2025, the NMOCD denied the closure request. The denial email clarified the rationale for denial with the following:

- **Remediation closure report is denied for the following reasons; 1. As COG OPERATING LLC [229137] (COG) is responsible for the remediation, reclamation, and revegetation of this release, its COG's duty to remediate the electrical line operator who's requesting a "no excavation" buffer zone around their line to take responsibility for any contamination left in place due to their buffer zone request. If the electrical line operator is unwilling to take responsibility for the contamination located within their requested buffer zones, COG will be required to remediate, reclaim, and revegetate the release pursuant to 19.15.29 NMAC. Furthermore, pursuant to 19.15.29.7C NMAC, OCD may consider a person causing the release, or controlling the location of the release as the responsible party. If any line operator refuses to allow the remediation, reclamation, and revegetation of this release, OCD reserves the right to hold the line operator as the responsible party.**
- **Please refer to Figures 4 within the report to locate the identified area. 2. XTO must verify that the portion of the electrical line within the perimeter of the impacted area meets the reclamation standard (most stringent in Table 1) per 19.15.29.13D (1) NMAC. If any samples exceed these standards, COG must remediate those portions. Please refer to Figures 4 within the report to locate**

the identified area. 3. COG has 90-days (June 16, 2025) to submit its appropriate or final remediation closure report.

The referenced area was referred to as the 'Safety Corridor' both in Figure 4 and the report text. TRC, on the behalf of COP, requested a 30-day extension on June 13, 2025 to complete reporting following the additional remediation (documented below). The NMOCD approved the extension on June 13, 2025. The required submittal date for the appropriate or final remediation closure report was updated to July 14, 2025. Both the denial and extension request are documented in **Appendix A**.

7.0 Summary of Soil Remediation Activities - 2025

Following denial of the remediation closure request, COP corresponded with the appropriate party to de-energize the electrical line which transected the remedial excavation. Beginning on June 10, 2025, the approximately 6 foot wide (3 feet on either side of the electrical line) area was excavated to approximately 4 feet bgs. A hydro-excavation unit was utilized to uncover the de-energized line prior to mechanical excavation. Two (2) five-point composite floor samples (F31 and F32) were collected to represent approximately 720 additional square feet of excavation which terminated near the power pole to the northeast and near sidewall sample location Southwest SW Pasture-1 to the southwest. Each soil sample was submitted to the laboratory for TPH, BTEX, and chloride analysis. Each soil sample exhibited TPH and BTEX concentrations below the applicable laboratory detection limits, and chloride concentrations below the remediation standard applicable at depths 4 feet bgs and greater. Analytical results are summarized in **Table 1**. After review of all the analytical results, the excavation was backfilled to grade with commercially sourced backfilled material. The site was contoured and compacted to meet COP requirements. All excavated soils were transported offsite to the Northern Delaware Basin disposal facility.

8.0 Site Closure Request and Reclamation Confirmation

Remediation activities were conducted in accordance with NMCOD 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 confirmation soil and sidewall samples associated with soils that have remained in-situ. The excavated soil was transported to the Northern Delaware Basin Landfill facility and the Site was returned to grade with locally sourced non-impacted backfill material. The backfill material fulfilled the NMAC 19.15.29.13.D.(1) based on soil samples results from Clean Fill – Topsoil and Clean Fill – Caliche shown in **Table 1**. The site will be re-seeded to BLM requirements during the next growing season. 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 Azores Water Line Site.

9.0 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.

10.0 Distribution

Copy 1: Mike Bratcher
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Oil Conservation Division, District 2
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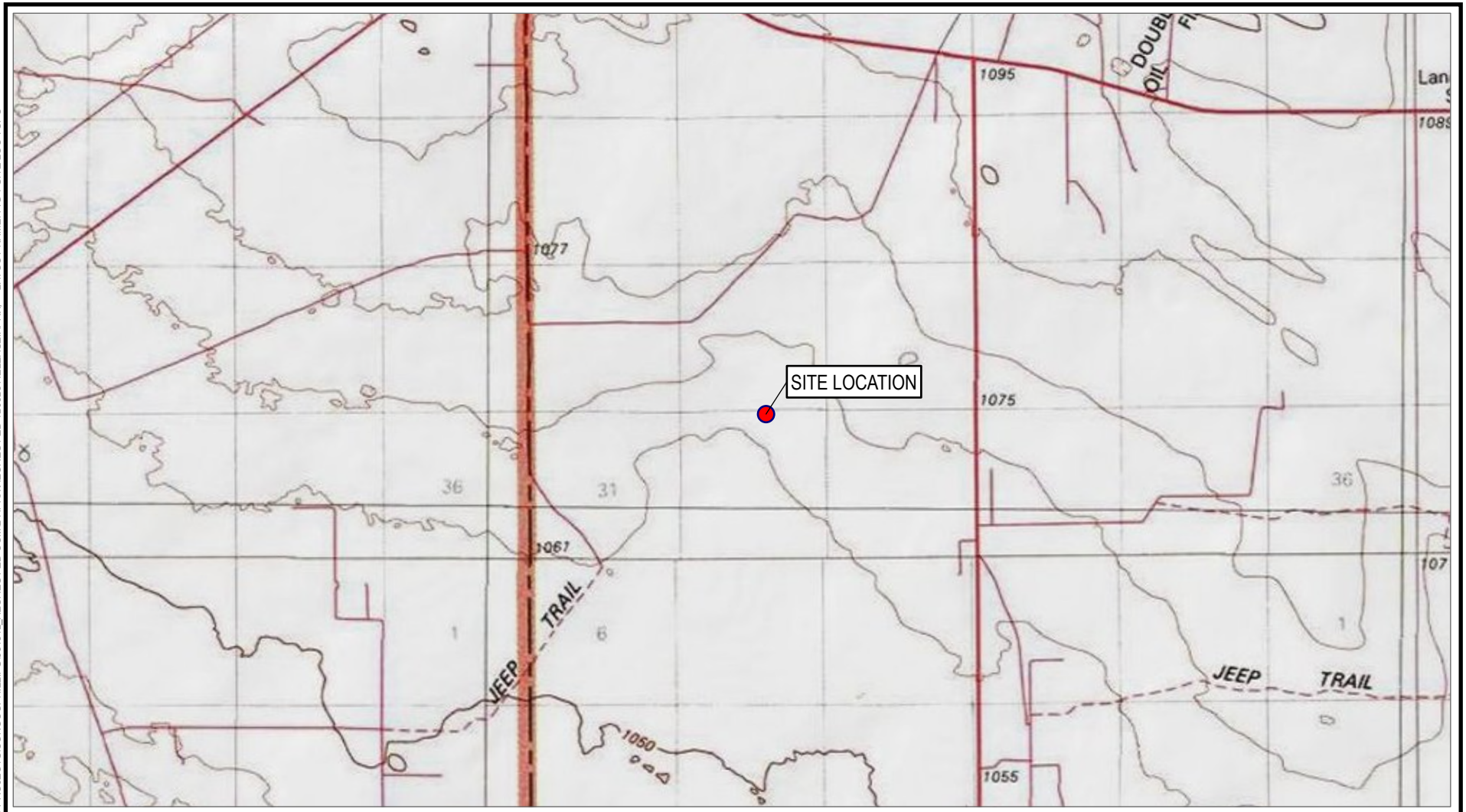
United States Bureau of Land Management
620 E. Green Street
Carlsbad, New Mexico 88220

Copy 3: Ike Tavarez
ConocoPhillips, LLC
600 W. Illinois Avenue
Midland, Texas 79701

Copy 4: TRC Environmental Corporation
10 Desta Dr STE 130E



SITE LOCATION

BASE MAP: USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES, PADUCA BREAKS NW, NM.
DATA SOURCES: TRC, USGS

0 0.5 1 MILE

1:63,360 1" = 1 MILE

PROJECT:
AZORES FEDERAL 12.08.2023 RELEASE
LEA COUNTY, NM

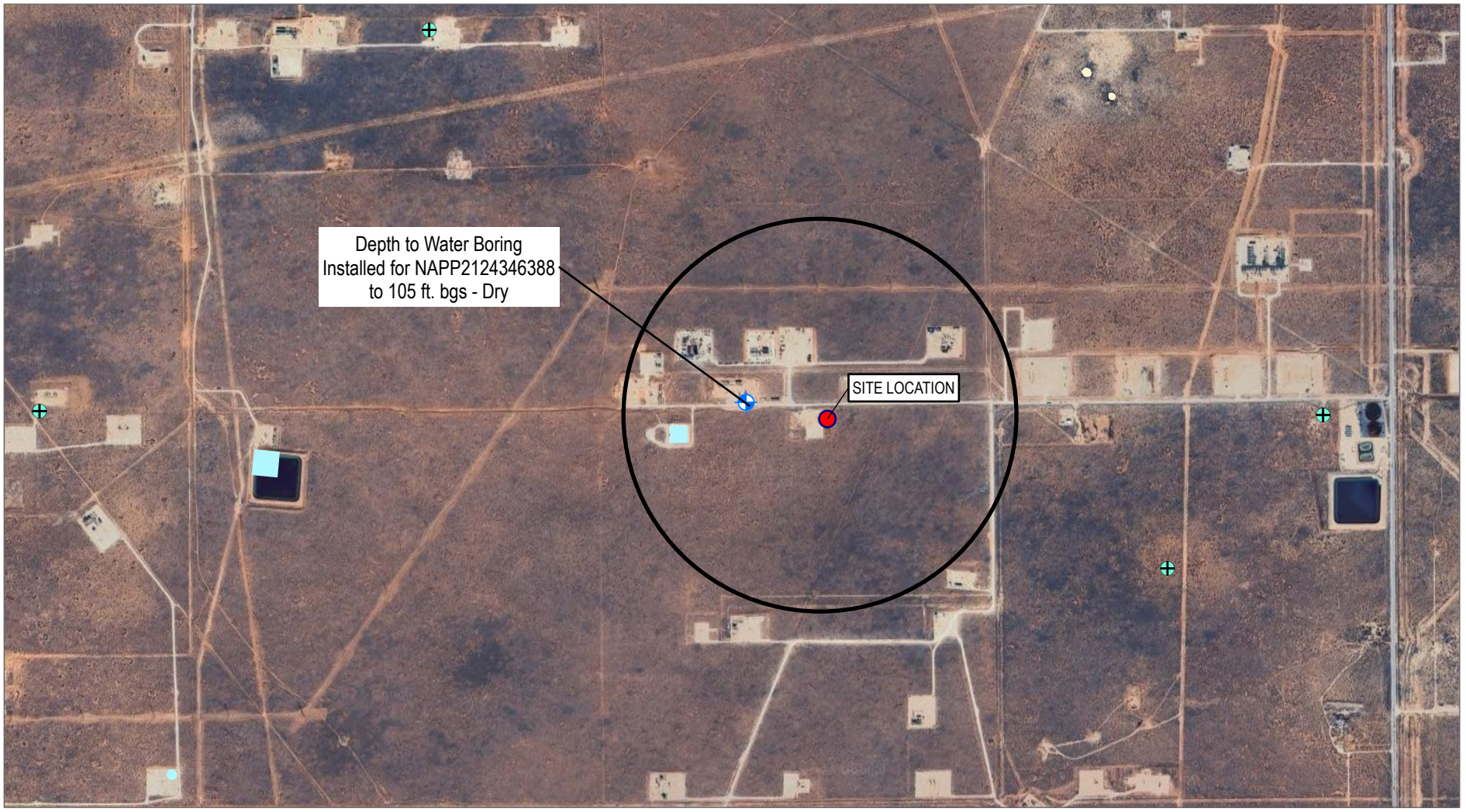
TITLE:
TOPOGRAPHICAL MAP

DRAWN BY:	P. MARCOU	PROJ. NO.:	584312.0000.0000
CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 1**
DATE:	MAY 2024		

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

FILE: AZORES FED 120823 RELEASE

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET; MAP ROTATION: 0
-- SAVED BY: PMARCOU ON 5/16/2024, 08:56:12 AM; FILE PATH: T:\1-PROJECTS\CONOCOPHILLIPS\584312_AZORES FED COM\2-APRX\AZORES FED 120823 RELEASE.APRX; LAYOUT NAME: FIG 1 SITE LOC TOPO



SITE LOCATION
WATER WELL
WATER BORING
1/2 MILE RADIUS

WETLAND TYPE
FRESHWATER EMERGENT WETLAND
FRESHWATER FORESTED/SHRUD WETLAND
FRESHWATER POND
LAKE
RIVERINE

NO FEMA 100-YEAR-FLOOD PLAIN PRESENT IN THE AREA SHOWN ON MAP.

BASE MAP: GOOGLE EARTH PRO, 11/2/2017.
DATA SOURCES: TRC
OSE POINTS OF DIVERSION FROM NMOSE, 12/7/2022.
FEMA FLOOD HAZARD AREAS, ESRI, 2022.

N

0 1,000 2,000 FEET

1:24,000 1" = 2,000'

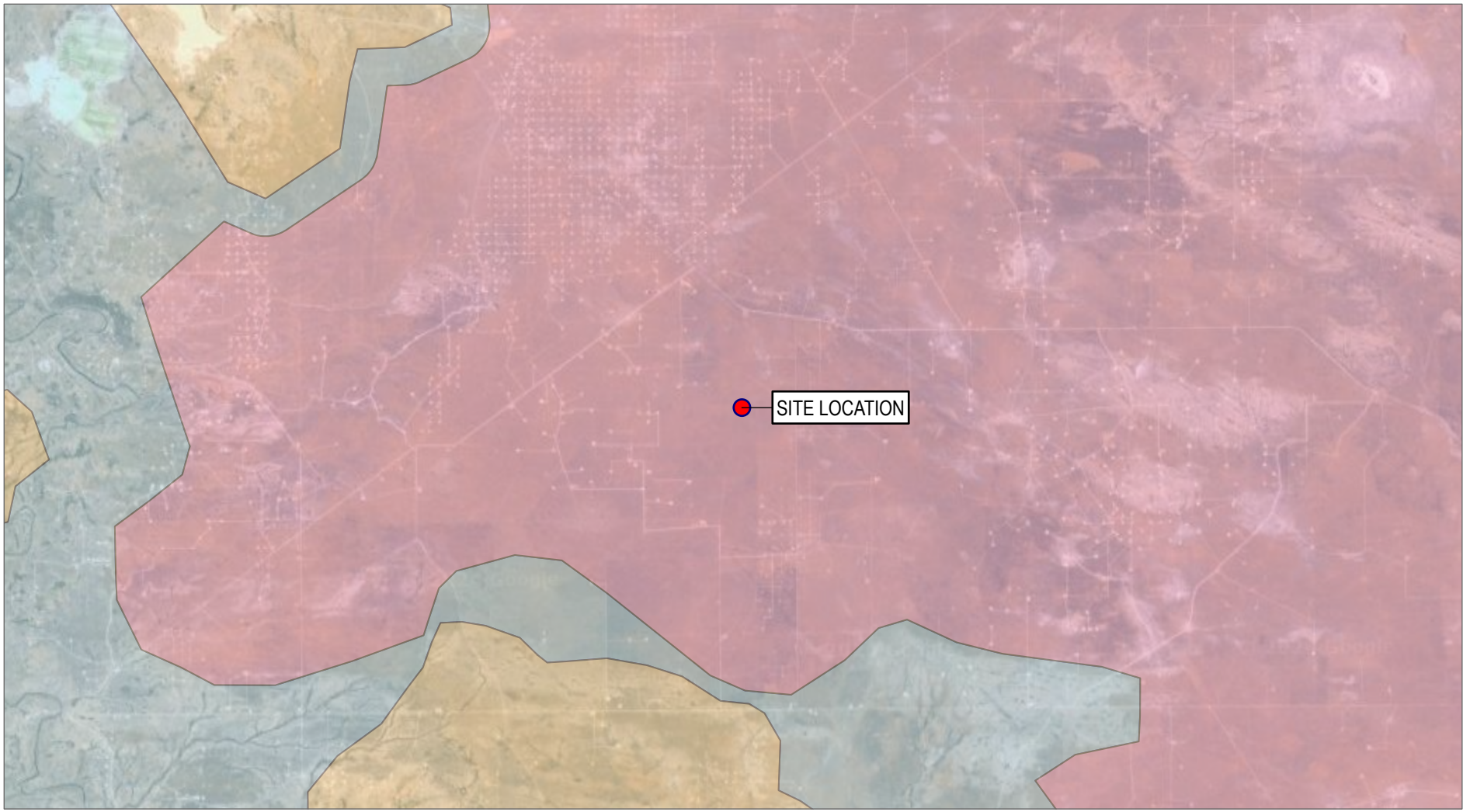
PROJECT:
AZORES FEDERAL 12.08.23 RELEASE
LEA COUNTY, NM

TITLE:
AERIAL CHARACTERIZATION MAP

DRAWN BY:	P>MARCOU	PROJ. NO.:	584312.0000.0000
CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 2**
DATE:	MAY 2024		

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

FILE: AZORES FED 120823 RELEASE



SITE LOCATION
MEDIUM KARST POTENTIAL
HIGH KARST POTENTIAL
LOW KARST POTENTIAL

PROJECT:
AZORES FEDERAL 12.08.23 RELEASE
LEA COUNTY, NM

TITLE:
KARST POTENTIAL MAP

DRAWN BY:	P. MARCOU	PROJ. NO.:	584312.0000.0000
CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 3**
DATE:	MAY 2024		

BASE MAP: GOOGLE EARTH PRO, 11/2/2017.
DATA SOURCES: TRC
KARST DATA FROM NM BLM, APRIL 2018.

N

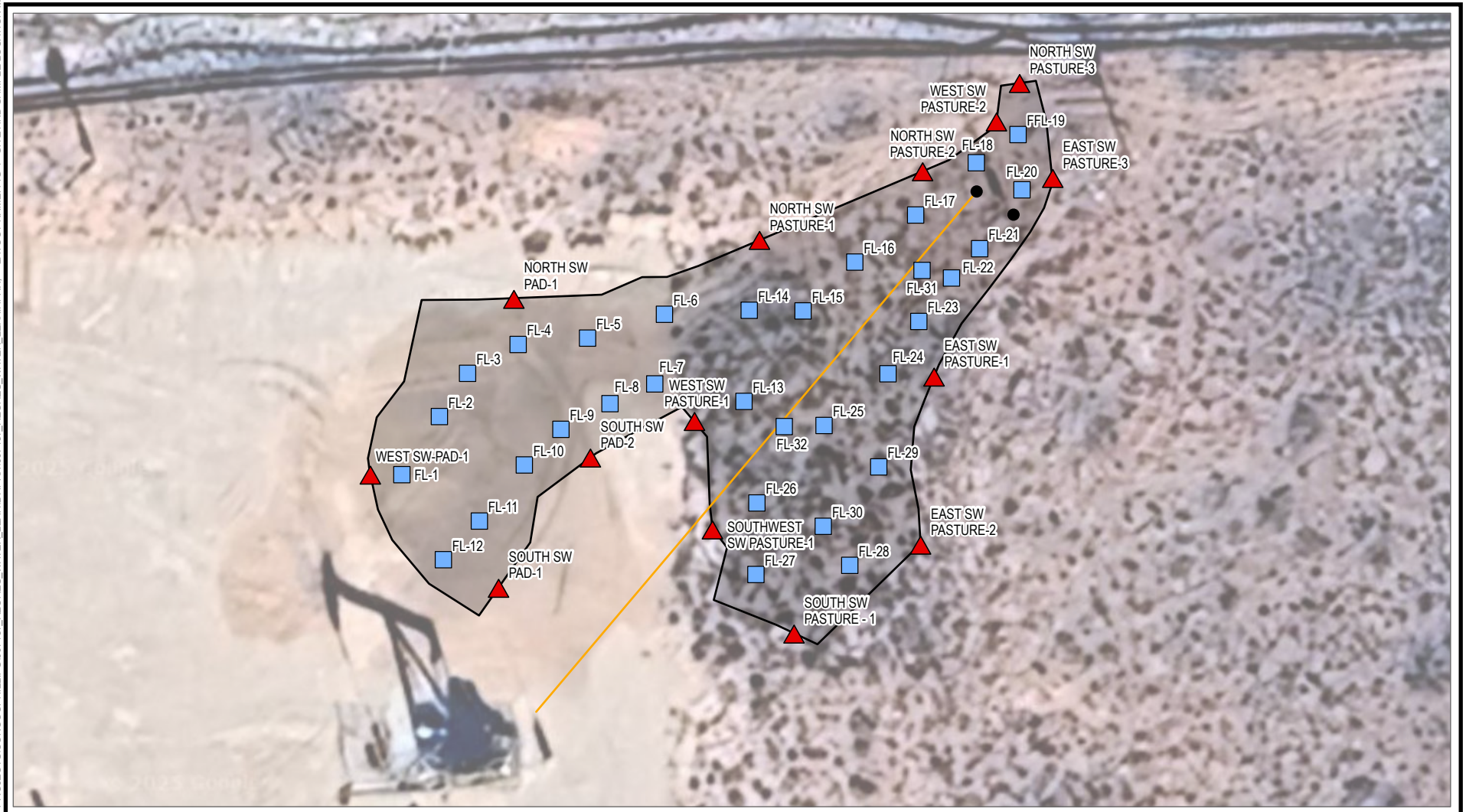
0 2 4 MILES

1:250,000 1" = 4 MILES

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

FILE: AZORES FED 120823 RELEASE

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET; MAP ROTATION: 0
-- SAVED BY: PMARCOU ON 5/16/2024, 08:59:24 AM; FILE PATH: T:\1-PROJECTS\CONOCOPHILLIPS\584312_AZORES FED COM\2-APRX\AZORES FED 120823 RELEASE APRX; LAYOUT NAME: FIG 3 KARST



- POWER POLE
- BURIED ELECTRICAL LINE
- FLOOR CONFIRMATION SOIL SAMPLE
- SIDEWALL CONFIRMATION SOIL SAMPLE
- EXCAVATION

BASE MAP: GOOGLE EARTH PRO, 11/2/2017.
DATA SOURCES: TRC

0 20 40 FEET
1:480 1" = 40'

PROJECT: AZORES FEDERAL PRODUCED WATER LEAK LEA COUNTY, NM

TITLE: SITE AND SAMPLE LOCATION MAP

DRAWN BY:	R. COLLINS	PROJ. NO.:	607457
CHECKED BY:	H. GLODEN		
APPROVED BY:	J. STOFFEL		
DATE:	JUNE 2025		

FIGURE 4

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

FILE: 607457_AZORES_WATER_LEAK

Azores Federal Com Delineation and Confirmation Soil Sample Results														
Sample Name	Date	Sample Depth (ft. bgs)	Soil Status	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO)- C6-C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	GRO + DRO (mg/kg)	OII Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines				5	-	-	-	50	-	-	<4' bgs: - ≥4': 1,000	-	<4' bgs: 100 ≥4': 2,500	<4' bgs: 600 ≥4': 20,000
Lateral Delineation Soil Samples														
E-1	1/9/2024	0-1	In-Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	<4.95
N-1	1/9/2024	0-1	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.6	<49.6	<49.6	<49.6	<49.6	140
N-2	1/9/2024	0-1	In-Situ	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	31.2
S-1	1/9/2024	0-1	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	32.7
S-2	1/9/2024	0-1	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	15.5
W-1	1/9/2024	0-1	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	158
Vertical Delineation Soil Samples														
AH-1 @ 0-1'	1/9/2024	0-1	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	384
AH-1 @ 2'	1/9/2024	2	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.5	<50.5	<50.5	<50.5	<50.5	242
AH-1 @ 3'	1/9/2024	3	In-Situ	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.7	<49.7	<49.7	<49.7	<49.7	436
AH-1 @ 3.5'R	1/9/2024	3.5	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	480
AH-2 @ 0-1'	1/9/2024	0-1	**Excavated**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	**1,320**
AH-2 @ 2'	1/9/2024	2	In-Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.6	<49.6	<49.6	<49.6	<49.6	162
AH-2 @ 2.5'R	1/9/2024	2.5	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.3	<50.3	<50.3	<50.3	<50.3	32.2
AH-3 @ 0-1'	1/9/2024	0-1	**Excavated**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.4	<50.4	<50.4	<50.4	<50.4	**3,870**
AH-3 @ 2'	1/9/2024	2	**Excavated**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.5	<50.5	<50.5	<50.5	<50.5	**4,330**
AH-3 @ 2.5'R	1/9/2024	2.5	**Excavated**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	**3,100**
TT-3 @ 0-1'	5/3/2024	0-1	**Excavated**	-	-	-	-	-	-	-	-	-	-	191
TT-3 @ 2'	5/3/2024	2	**Excavated**	-	-	-	-	-	-	-	-	-	-	**2,450**
TT-3 @ 3'	5/3/2024	3	**Excavated**	-	-	-	-	-	-	-	-	-	-	**10,400**
TT-3 @ 4'	5/3/2024	4	In-Situ	-	-	-	-	-	-	-	-	-	-	5,610
TT-3 @ 5'	5/3/2024	5	In-Situ	-	-	-	-	-	-	-	-	-	-	293
TT-3 @ 6'	5/3/2024	6	In-Situ	-	-	-	-	-	-	-	-	-	-	181

Azores Federal Com Delineation and Confirmation Soil Sample Results														
Sample Name	Date	Sample Depth (ft. bgs)	Soil Status	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO)- C6-C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	GRO + DRO (mg/kg)	OIl Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines				5	-	-	-	50	-	-	<4' bgs: - ≥4': 1,000	-	<4' bgs: 100 ≥4': 2,500	<4' bgs: 600 ≥4': 20,000
AH-4 @ 0-1'	1/9/2024	0-1	**Excavated**	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	**4,120**
AH-4 @ 2'	1/9/2024	2	**Excavated**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.7	<49.7	<49.7	<49.7	<49.7	248
AH-4 @ 3'R	1/9/2024	3	**Excavated**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	**2,230**
TT-4 @ 0-1'	5/3/2024	0-1	**Excavated**	-	-	-	-	-	-	-	-	-	-	867
TT-4 @ 2'	5/3/2024	2	**Excavated**	-	-	-	-	-	-	-	-	-	-	**3,460**
TT-4 @ 3'	5/3/2024	3	**Excavated**	-	-	-	-	-	-	-	-	-	-	**7,990**
TT-4 @ 4'	5/3/2024	4	In-Situ	-	-	-	-	-	-	-	-	-	-	6,070
TT-4 @ 5'	5/3/2024	5	In-Situ	-	-	-	-	-	-	-	-	-	-	5,410
TT-4 @ 6'	5/3/2024	6	In-Situ	-	-	-	-	-	-	-	-	-	-	4,480
TT-4 @ 7'	5/3/2024	7	In-Situ	-	-	-	-	-	-	-	-	-	-	1,920
TT-4 @ 8'	5/3/2024	8	In-Situ	-	-	-	-	-	-	-	-	-	-	1,040
AH-5 @ 0-1'	1/9/2024	0-1	**Excavated**	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.1	<50.1	<50.1	<50.1	<50.1	**3,070**
AH-5 @ 2'	1/9/2024	2	**Excavated**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.3	<50.3	<50.3	<50.3	<50.3	**4,690**
AH-5 @ 3'	1/9/2024	3	**Excavated**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.4	<50.4	<50.4	<50.4	<50.4	**4,710**
AH-5 @ 4'	1/9/2024	4	In-Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.5	<50.5	<50.5	<50.5	<50.5	4,000
Sidewall Confirmation Samples														
East SW Pasture-1	8/21/2024	-	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	51.9
South SW Pasture-1	8/21/2024	-	In-Situ	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<49.7	<49.7	<49.7	<49.7	<49.7	86.5
West SW Pasture-1	8/21/2024	-	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	158
Southwest SW Pasture-1	8/21/2024	-	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	200
North SW Pad-1	8/28/2024	-	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	182
South SW Pad-1	8/28/2024	-	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	345
North SW Pasture-1	8/28/2024	-	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	197
West SW Pad-1	8/28/2024	-	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	515
East SW Pasture-2	8/28/2024	-	In-situ	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	163
North SW Pasture-2	8/29/2024	-	In-situ	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	124
North SW Pasture-3	8/29/2024	-	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	403
South SW Pad-2	8/29/2024	-	In-Situ	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	142
East SW Pasture-3	8/30/2024	-	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	224
West SW Pasture-2	8/30/2024	-	In-Situ	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.2	<50.2	<50.2	<50.2	<50.2	29.3

Azores Federal Com Delineation and Confirmation Soil Sample Results														
Sample Name	Date	Sample Depth (ft. bgs)	Soil Status	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO)- C6-C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	GRO + DRO (mg/kg)	OII Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines				5	-	-	-	50	-	-	<4' bgs: - ≥4': 1,000	-	<4' bgs: 100 ≥4': 2,500	<4' bgs: 600 ≥4': 20,000
Floor Confirmation Samples														
F1	9/9/2024	2	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	19.7
F2	9/9/2024	2	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	86.1
F3	9/9/2024	2	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	128
F4	9/9/2024	2	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	370
F5	9/9/2024	2	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	162
F6	9/9/2024	2	In-Situ	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	79.4
F7	9/9/2024	2	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	185
F8	9/9/2024	2	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	202
F9	9/9/2024	2	In-Situ	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	72.1
F10	9/9/2024	2	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	222
F11	9/9/2024	2	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	222
F12	9/9/2024	2	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	155
F13	9/9/2024	4	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	919
F14	9/9/2024	4	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	123
F15	9/9/2024	4	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	129
F16	9/9/2024	4	In-Situ	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	2,260
F17	9/9/2024	4	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	1,350
F18	9/9/2024	4	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	71.9
F19	9/9/2024	4	In-Situ	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	688
F20	9/9/2024	4	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	371
F21	9/9/2024	4	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	5.77
F22	9/9/2024	4	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	2,560
F23	9/9/2024	4	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	1,260
F24	9/9/2024	4	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	1,140
F25	9/9/2024	4	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	976
F26	9/9/2024	4	In-Situ	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	2,790
F27	9/9/2024	4	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	209
F28	9/9/2024	4	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	6.40
F29	9/9/2024	4	In-Situ	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	5.49
F30	9/9/2024	4	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	1,100
F31	6/12/2025	4	In-Situ	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	475
F32	6/12/2025	4	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.2	<50.2	<50.2	<50.2	<50.2	5,120

Azores Federal Com Delineation and Confirmation Soil Sample Results														
Sample Name	Date	Sample Depth (ft. bgs)	Soil Status	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO)- C6-C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	GRO + DRO (mg/kg)	OIl Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines				5	-	-	-	50	-	-	<4' bgs: - ≥4': 1,000	-	<4' bgs: 100 ≥4': 2,500	<4' bgs: 600 ≥4': 20,000
Reclamation Samples														
Clean Fill - Topsoil	9/12/2024	-	Clean Fill	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	<4.96
Clean Fill - Caliche	9/12/2024	-	Clean Fill	<0.00200	<0.00200	0.00230	<0.00401	0.00230	<49.8	<49.8	<49.8	<49.8	<49.8	86.8

Exceeds NMOCD Closure Criteria

Appendix A: NMOCD Correspondence

From: OCDOnline@state.nm.us
To: Stoffel, Jared
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 351032
Date: Friday, June 7, 2024 4:14:59 PM

To whom it may concern (c/o Jared Stoffel for COG OPERATING LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2334550060, with the following conditions:

- **Remediation plan is approved as written. COG has 90-days (September 5, 2024) to submit to OCD its appropriate or final remediation closure report.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Nelson Velez
Environmental Specialist - Advanced
505-469-6146
Nelson.Velez@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: Stoffel, Jared
To: Velez, Nelson, EMNRD
Cc: Tavarez, Ike
Subject: RE: [EXTERNAL] 90-Day Extension Request - Azores Water Line Site (NAPP2334550060)
Date: Monday, October 28, 2024 12:48:00 PM
Attachments: image001.png
image002.png

Nelson – thank you for discussing these with me this morning and for the follow up response. I will ensure timely extension requests in the future. Have a great rest of your day!

Jared Stoffel, P.G.
Project Manager

TRC

505 E Huntland Dr STE 250 Austin, TX 78752
F: 512 329 8750 | **C**: 432 238 3003
LinkedIn | Twitter | Blog | TRCcompanies.com

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Monday, October 28, 2024 12:47 PM
To: Stoffel, Jared <JStoffel@trccompanies.com>
Cc: Tavarez, Ike <Ike.Tavarez@conocophillips.com>
Subject: Re: [EXTERNAL] 90-Day Extension Request - Azores Water Line Site (NAPP2334550060)

Good afternoon Jared,

Thank you for the inquiry and phone call earlier this morning. Sorry for the delay in response.

The incident remediation closure report due date (RCRDD) had lapsed after September 5, 2024. In the future, please submit your requests prior to its RCRDD. Failure to do so may result in any request being denied.

Given the circumstance, your request for a 90-day time extension request date is approved from the RCRDD (9/5/2024). The Remediation Due date has been updated to 12/04/2024.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience. Thank you.

Regards,

Nelson Velez ● Environmental Specialist - Adv

Environmental Bureau | EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

(505) 469-6146 | nelson.velez@emnrd.nm.gov

http://www.emnrd.nm.gov/ocd

From: Stoffel, Jared <JStoffel@trccompanies.com>
Sent: Monday, October 21, 2024 3:14 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Tavarez, Ike <Ike.Tavarez@conocophillips.com>
Subject: [EXTERNAL] 90-Day Extension Request - Azores Water Line Site (NAPP2334550060)

TRC, on the behalf of ConocoPhillips, would like to respectfully request a 90-day extension for reporting activities associated with the enactment of the approved workplan at the Azores Water Line Site (NAPP2334550060). The workplan has been enacted and the remediation completed, and we are currently writing the associated report. We expect to complete the report in the near future. Please let us know if this is acceptable to you – thank you very much!

Jared Stoffel, P.G.
Project Manager

505 E Huntland Dr STE 250 Austin, TX 78752
F: 512 329 8750 | **C**: 432 238 3003
LinkedIn | Twitter | Blog | TRCcompanies.com

From: OCDOnline@state.nm.us
To: Stoffel, Jared
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 374172
Date: Thursday, August 15, 2024 11:26:21 AM

To whom it may concern (c/o Jared Stoffel for COG OPERATING LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2334550060.

The sampling event is expected to take place:

When: 08/20/2024 @ 08:00
Where: B-32-24S-32E 0 FNL 0 FEL (32.180741,-103.695474)

Additional Information: Please contact Jared Stoffel at (432) 238-3003 for coordination. Sampling will start on Tuesday, 8/20/24 and will continue until completion of remedial excavation, anticipated to be approximately 20 working days.

Additional Instructions: Azores: From the intersection of NM-128W and Orla Rd, travel south on Orla Rd for approx. 2.4 miles, travel west on unnamed lease road for approx. 1.4 miles. Location will be approx. 200 feet to the south at GPS Point: 32.180741, -103.695474.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: Stoffel, Jared
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 408639
Date: Monday, March 17, 2025 9:34:45 AM

To whom it may concern (c/o Jared Stoffel for COG OPERATING LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2334550060, for the following reasons:

- **Remediation closure report is denied for the following reasons; 1. As COG OPERATING LLC [229137] (COG) is responsible for the remediation, reclamation, and revegetation of this release, its COG's duty to remediate the electrical line operator who's requesting a "no excavation" buffer zone around their line to take responsibility for any contamination left in place due to their buffer zone request. If the electrical line operator is unwilling to take responsibility for the contamination located within their requested buffer zones, COG will be required to remediate, reclaim, and revegetate the release pursuant to 19.15.29 NMAC. Furthermore, pursuant to 19.15.29.7C NMAC, OCD may consider a person causing the release, or controlling the location of the release as the responsible party. If any line operator refuses to allow the remediation, reclamation, and revegetation of this release, OCD reserves the right to hold the line operator as the responsible party.**
- **Please refer to Figures 4 within the report to locate the identified area. 2. XTO must verify that the portion of the electrical line within the perimeter of the impacted area meets the reclamation standard (most stringent in Table I) per 19.15.29.13D (1) NMAC. If any samples exceed these standards, COG must remediate those portions. Please refer to Figures 4 within the report to locate the identified area. 3. COG has 90-days (June 16, 2025) to submit its appropriate or final remediation closure report.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 408639.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Nelson Velez
Environmental Specialist - Advanced
505-469-6146
Nelson.Velez@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive

From: Velez, Nelson, EMNRD
To: Stoffel, Jared
Cc: Tavarez, Ike
Subject: Fw: [EXTERNAL] Extension Request - Azores Water Line NAPP2334550060
Date: Friday, June 13, 2025 4:05:13 PM
Attachments: image001.png
Outlook-uikmkpvu.png

Good afternoon Jared,

Thanks for the correspondence. Your 30-day time extension is approved. Remediation Due date has been updated to July 14, 2025.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Have a safe and enjoyable weekend!

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Stoffel, Jared <JStoffel@trccompanies.com>
Sent: Friday, June 13, 2025 12:46 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Tavarez, Ike <ike.tavarez@conocophillips.com>
Subject: [EXTERNAL] Extension Request - Azores Water Line NAPP233455060

Nelson,

TRC, on the behalf of COP, respectfully requests a 30-day extension for this incident (current due date is 6/16/25). The additional remediation required by the NMOCD which was documented in the closure request denial was conducted this week and was completed today. We are requesting the extension to allow us to complete the report documenting the activities conducted this week. Please let us know if you'd like to discuss – thank you very much!

Jared E. Stoffel, P.G.
Senior Project Manager

TRCCOMPANIES.COM

505 E. Huntland Dr., STE 250
Austin, TX 78752

m 432.238.3003
w 512.329.6080

Appendix B: NMOCD Approved Workplan – Analytical Appendix Removed

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SITE ASSESSMENT SUMMARY
&
PROPOSED REMEDIATION WORK PLAN

COG Operating, LLC
Azores Water Line (12.08.2023)
Lea County, New Mexico
Unit B, Section 32, Township 24 South, Range 32 East
Latitude 32.18077° North, Longitude 103.695424° West
NMOCD Reference No. nAPP233455060

Prepared For:

COP Operating, LLC
600 W Illinois Avenue
Midland, Texas 79701

Prepared By:

TRC Environmental Corporation
10 Desta Drive, Suite 130E
Midland, Texas 79705

JUNE 2024

Nikki Donegan
Environmental Scientist

Jared E. Stoffel, P.G.
Project Manager

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FIGURES

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INTRODUCTION

TRC Environmental Corporation (TRC), on behalf of ConocoPhillips (COP), has prepared this *Site Assessment Summary and Remediation Work Plan* for the Release Site known as Azores Water Line (the Site). The legal description of the Site is Unit B, Section 32, Township 24 South, Range 32 East, in Lea County, New Mexico. The subject property is owned by the United States Federal government and administered by the Bureau of Land Management (BLM). The GPS coordinates for the Site are 32.1807°N, 103.6954°W. A topographical map is provided as **Figure 1**.

BACKGROUND

On December 8, 2023, COP had a ruptured water line occur at the Site due to corrosion which released approximately 168 barrels (bbls) of produced water to the ground surface and affected approximately 23,800 square feet. Approximately 9,300 square feet of the release footprint are on the production pad, and 14,500 square feet of the affected area are in the adjacent pastureland. On December 11, 2023, COP notified the New Mexico Oil and Conservation Division (NMOCD) of the release through their website portal.

During initial response activities, a vacuum truck was dispatched to recover any recoverable freestanding fluids. A total of 140 bbls of produced water was recovered. The net loss of produced water was approximately 28 bbls.

On March 26, 2024, the initial Release Notification and Corrective Action (Form C-141) was submitted to the NMOCD through the portal, as the filed Notice of Release (NOR) was thought to be a C-141 submission. A copy of the NMOCD submitted Form C-141 for the Release is provided in **Appendix A**.

REGULATORY FRAMEWORK

A groundwater database maintained by The New Mexico Office of the State Engineer (NMOSE) did not identify any registered water wells in Section 32, Township 24 South, Range 32 East. The nearest well recorded in the NMOSE groundwater database is located approximately 1 mile southeast of the Site and has no documented depth to water. However, an adjacent COP remediation site (nAPP2124346388) included a 105-foot bgs depth to water boring which was dry after 72 hours. The dry boring was installed within the 0.5 mile groundwater determination radius, and the groundwater depth determination for the Site will be greater than 100 feet bgs. The database search is included as **Appendix B**.

In addition to a groundwater depth of greater than 100 feet bgs, no sensitive receptors were identified within the conditional radii of the Site, including:

- Lateral extents are NOT within 300 feet of a continuously flowing watercourse or any other significant watercourse.

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- Lateral extents are NOT within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).
- Lateral extents are NOT within 300 feet of an occupied permanent residence, school, hospital, institution, or church.
- Lateral extents are NOT within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes.
- Lateral extents are NOT within 1,000 feet of any other fresh water well or spring.
- Lateral extents are NOT within incorporated municipal boundaries or within a defined municipal fresh water field.
- Lateral extents are NOT within 300 feet of a wetland.
- Lateral extents are NOT overlying a subsurface mine.
- Lateral extents are NOT overlying an unstable area such as karst geology (low karst potential according to the BLM dataset).
- Lateral extents are NOT within a 100-year floodplain.
- The release DID impact an area not on an exploration, development, production, or storage site.

The site characteristics listed on the Form C-141 above are depicted in **Figure 2**. The karst potential designation, as outlined in the BLM publicly available Karst Potential dataset, is depicted in **Figure 3**.

Azores Water Line Release Site is greater than 100 feet below ground surface (bgs), has low karst potential, and the lateral extents are not near identified receptors as outlined in the Form C-141. Therefore, the NMOCD *Closure Criteria for Soils Impacted by a Release* warrants the least stringent closure criteria as follows:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- TPH: 1,000 mg/kg (GRO + DRO)
- TPH: 2,500 mg/kg (GRO + DRO + MRO)
- Chloride: 20,000 mg/kg

However, a portion of the release is in the adjacent pastureland not on an exploration, development, production, or storage site. In the pasture, the soil four (4) feet and deeper will be subject to the remediation standard outlined above, but soils shallower than four (4) feet bgs will be subject to the NMOCD reclamation standards as follows:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- TPH: 100 mg/kg (GRO + DRO + MRO)
- Chloride: 600 mg/kg

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SOIL INVESTIGATION SUMMARY

On January 9, 2024, an initial soil investigation was conducted at the Site. To laterally delineate the release, six (6) sample locations (E-1, N-1, N-2, S-1, S-2, and W-1) were advanced, utilizing a hand auger, outside the margins of the release area. To vertically delineate the release, five (5) investigation auger holes (AH-1 through AH-5) were advanced within the release footprint utilizing a hand auger to hand auger refusal at depths ranging from 2.5 to 4 feet bgs. AH-1 and AH-2 were advanced within the affected area of the pad. AH-3 through AH-5 were advanced within the footprint of the pasture. Each of the soil samples collected was submitted to Eurofins Laboratory in Midland, TX for TPH analysis by EPA 8015A, BTEX analysis by EPA 8021, and chloride analysis by E300. A summary of the analytical results is presented in **Table 1**. Sample locations are depicted on **Figure 4**. The results indicated the release has been laterally delineated to below the reclamation standards in each direction for each analyzed constituent. Additionally, the pad area represented by sample locations AH-1 and AH-2 were vertically defined to below the reclamation standard for each analyzed constituent. AH-3 through AH-5, which represent the release footprint within the pasture off-pad, were fully delineated to below the reclamation standard for TPH and BTEX constituents but required further delineation to below reclamation standard for chloride in AH-3 and AH-4. AH-5 was advanced to 4 feet bgs, where the reclamation zone ends and the remediation standard only applies. No soil samples exhibited chloride concentrations above the remediation standard of 20,000 mg/kg for chlorides.

On May 3, 2024, a secondary soil investigation was conducted at the Release Site to further delineate the 'reclamation zone' in the pasture (AH-3 and AH-4 soil sample locations). TT-3 was advanced immediately adjacent to AH-3 and TT-4 was advanced immediately adjacent to AH-4. Soil samples collected from TT-3 and TT-4 were analyzed for chlorides by E300 only. TT-3 and TT-4 exhibited chloride concentrations above the reclamation standard until 4 feet, where the remediation standard only applies. Additionally, TT-3 was delineated at depth to below the reclamation standard at 5 feet bgs. TT-4 was above the reclamation standard to backhoe refusal at 8 feet bgs due to a dense rock layer, but only the remediation standard applies to soils four (4) feet and deeper. TT-5 was above the reclamation standard but was not delineated with mechanical equipment due to the adjacent overhead power lines, which constitutes a safety concern. The analytical results summary is presented in **Table 1**. The sample locations are depicted in **Figure 4**.

PROPOSED SOILS WORK PLAN

Based on the laboratory analytical results from the soil samples collected in January and May 2024, the Release Site does not appear to be affected above NMOCD regulatory guidelines for remediation by TPH, BTEX, or chloride constituents. Additionally, the soil samples collected did not exhibit TPH or BTEX concentration above reclamation standards. However, soil samples collected within the 'reclamation zone' of the upper four feet did exceed the chloride reclamation standard of 600 mg/kg.

COP proposes to excavate the areas which exhibited chloride concentrations above NMOCD reclamation standards in soils shallower than 4 feet bgs, transport the affected soil to an NMOCD approved disposal, and import clean backfill material to return the Site to near original grade. The excavation would be advanced in the area represented by soil sample locations AH-2 (on-pad) to

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2 feet bgs and the area represented by soil sample locations AH-3/TT-3, AH-4/TT-4, and AH-5 (pasture; off-pad) to a depth of 4 feet bgs. The projected volume of excavated material to be transported to disposal is approximately 2,550 cubic yards before decompaction.

Additionally, COP respectfully requests a confirmation sampling variance of 1 soil sample for every 500 square feet of floor and sidewall rather than the expected 200 square feet due to the size of the footprint. Soil samples will be analyzed for TPH (EPA 8015), BTEX (EPA 8021), and chloride (E300).

COP is prepared to begin the activities outlined in this *Site Assessment Summary and Proposed Remediation Work Plan* after receiving NMOCD approval. On completion of remediation activities, a Remediation Summary and Closure Request will be prepared detailing field activities and laboratory analytical results from confirmation soil samples.

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

DISTRIBUTION

Copy 1: Mike Bratcher
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Oil Conservation Division, District 2
811 S. First Street
Artesia, NM 88210

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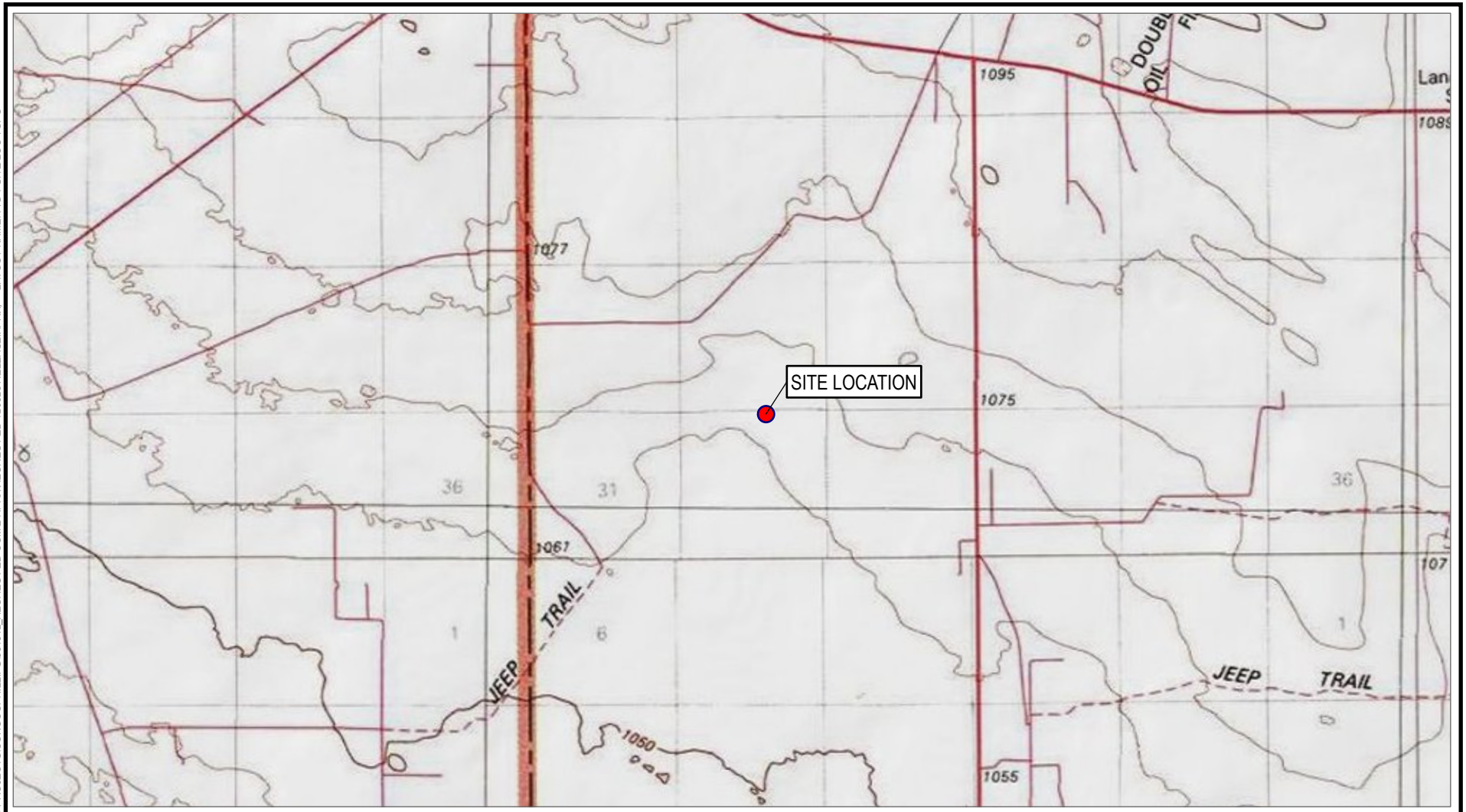
United States Bureau of Land Management
620 E. Green Street
Carlsbad, New Mexico 88220

Copy 3: Ike Tavarez
COP Operating, LLC
600 W. Illinois Avenue
Midland, Texas 79701

Copy 4: TRC Environmental Corporation
10 Desta Dr STE 130E
Midland, TX 79705



SITE LOCATION

BASE MAP: USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES, PADUCA BREAKS NW, NM.
DATA SOURCES: TRC, USGS

0 0.5 1 MILE

1:63,360 1" = 1 MILE

PROJECT:
AZORES FEDERAL 12.08.2023 RELEASE
LEA COUNTY, NM

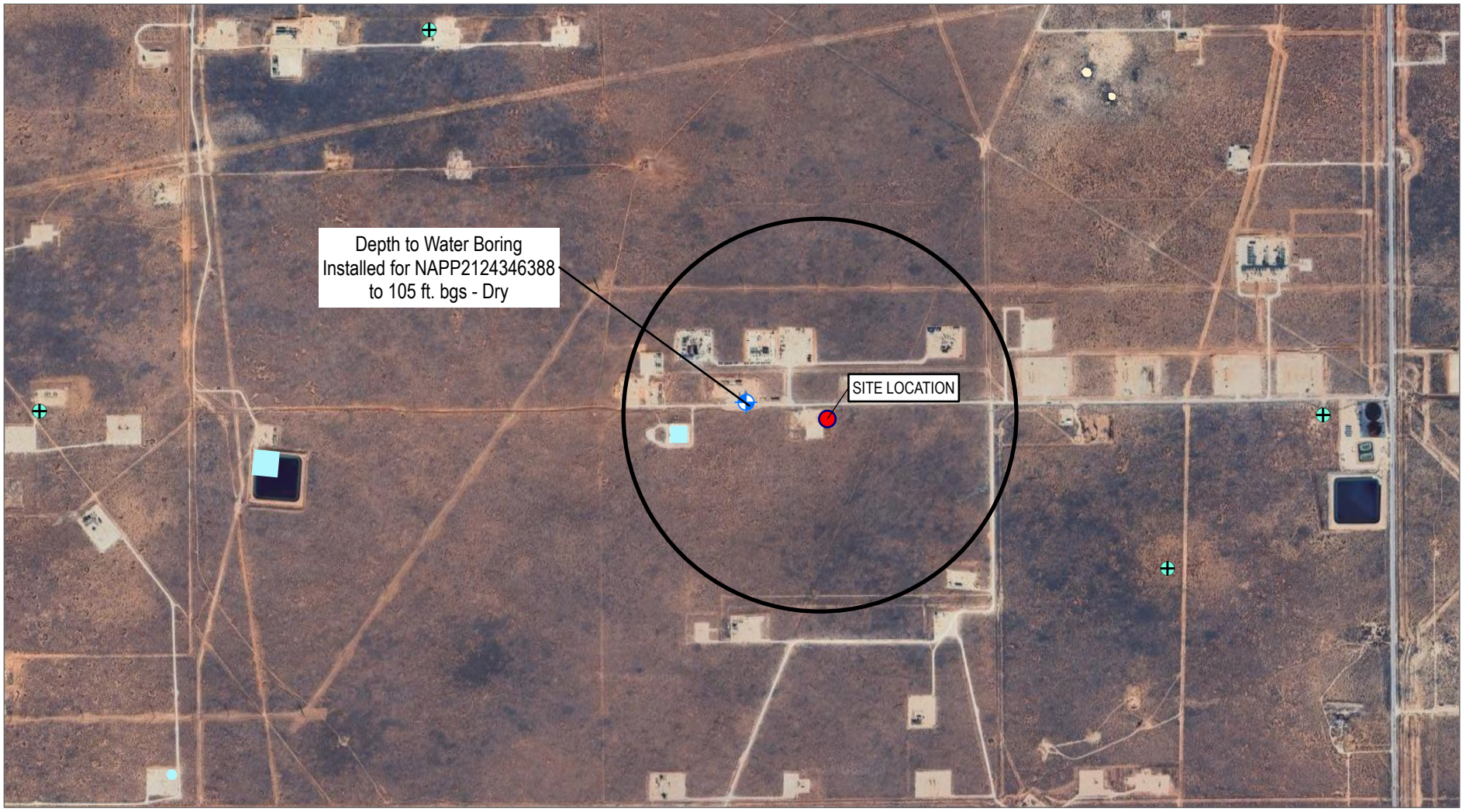
TITLE:
TOPOGRAPHICAL MAP

DRAWN BY:	P. MARCOU	PROJ. NO.:	584312.0000.0000
CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 1**
DATE:	MAY 2024		

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

FILE: AZORES FED 120823 RELEASE

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET; MAP ROTATION: 0
-- SAVED BY: PMARCOU ON 5/16/2024, 08:56:12 AM; FILE PATH: T:\1-PROJECTS\CONOCOPHILLIPS\584312_AZORES FED COM\2-APRX\AZORES FED 120823 RELEASE.APRX; LAYOUT NAME: FIG 1 SITE LOC TOPO



SITE LOCATION
WATER WELL
WATER BORING
1/2 MILE RADIUS

WETLAND TYPE
FRESHWATER EMERGENT WETLAND
FRESHWATER FORESTED/SHRUD WETLAND
FRESHWATER POND
LAKE
RIVERINE

NO FEMA 100-YEAR-FLOOD PLAIN PRESENT IN THE AREA SHOWN ON MAP.

BASE MAP: GOOGLE EARTH PRO, 11/2/2017.
DATA SOURCES: TRC
OSE POINTS OF DIVERSION FROM NMOSE, 12/7/2022.
FEMA FLOOD HAZARD AREAS, ESRI, 2022.

0 1,000 2,000 FEET
1:24,000 1" = 2,000'

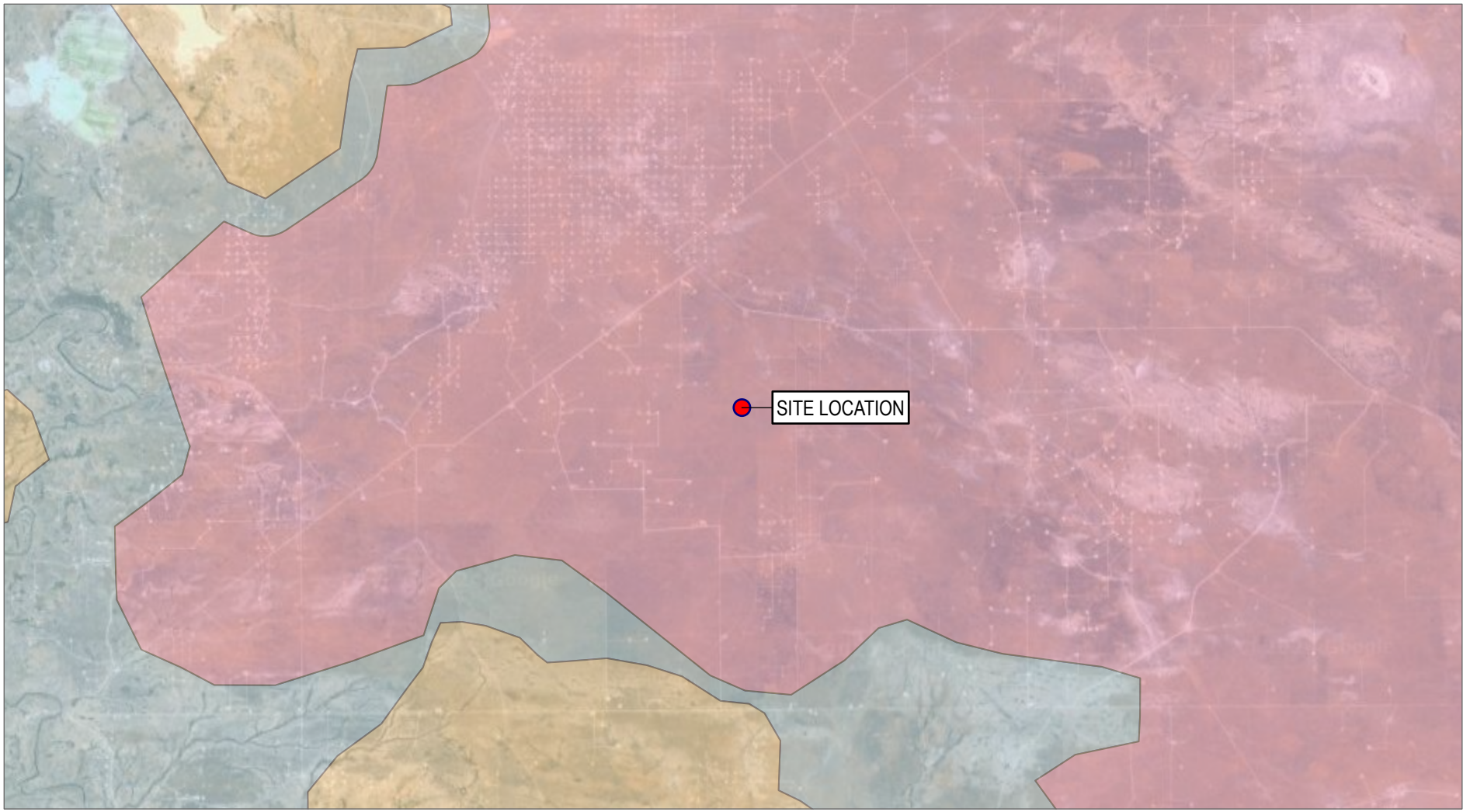
PROJECT:
AZORES FEDERAL 12.08.23 RELEASE
LEA COUNTY, NM

TITLE:
AERIAL MAP

DRAWN BY:	P>MARCOU	PROJ. NO.:	584312.0000.0000
CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 2**
DATE:	MAY 2024		

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

FILE: AZORES FED 120823 RELEASE



SITE LOCATION
MEDIUM KARST POTENTIAL
HIGH KARST POTENTIAL
LOW KARST POTENTIAL

PROJECT:
AZORES FEDERAL 12.08.23 RELEASE
LEA COUNTY, NM

TITLE:
KARST POTENTIAL MAP

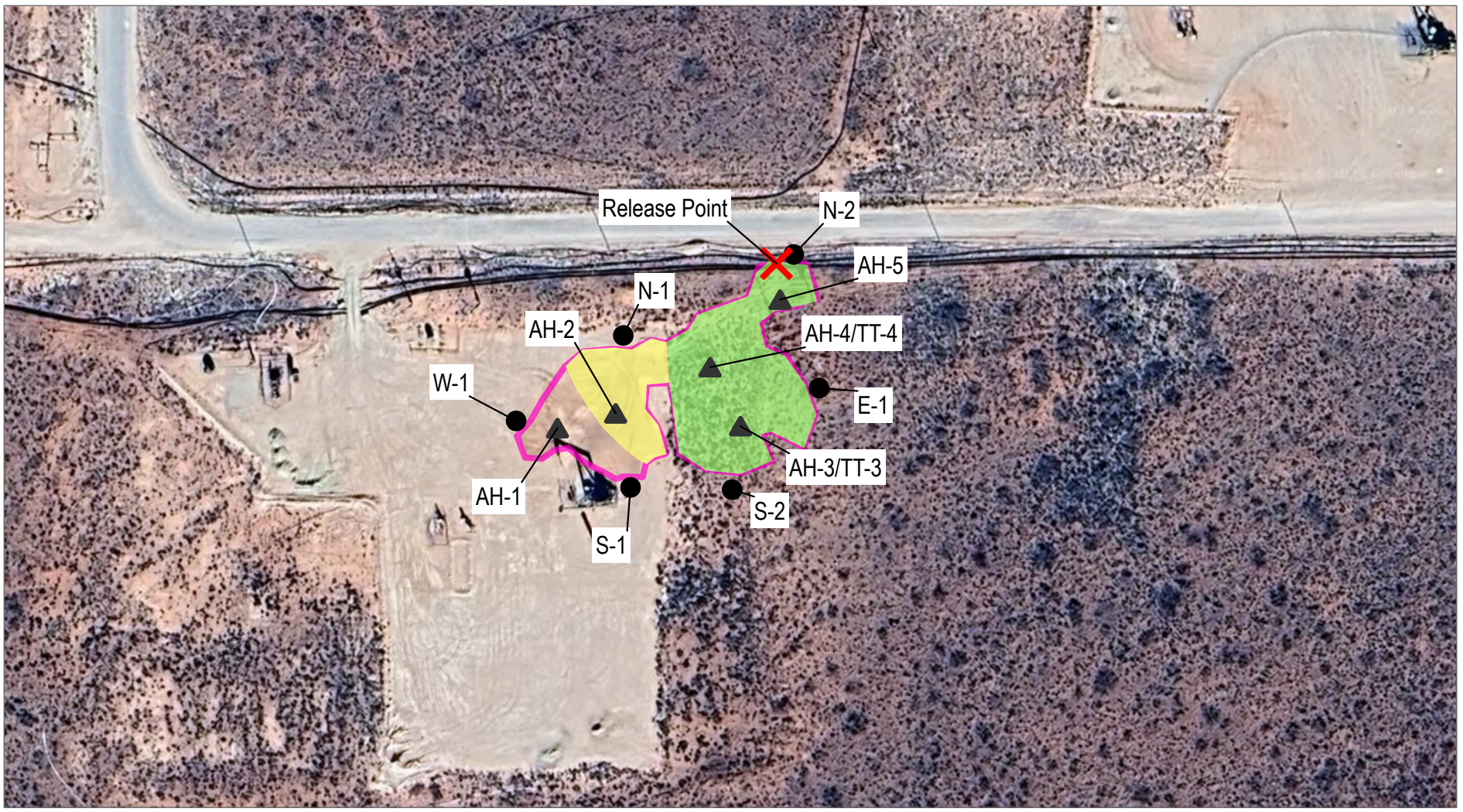
DRAWN BY:	P. MARCOU	PROJ. NO.:	584312.0000.0000
CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 3**
DATE:	MAY 2024		

BASE MAP: GOOGLE EARTH PRO, 11/2/2017.
DATA SOURCES: TRC
KARST DATA FROM NM BLM, APRIL 2018.

0 2 4 MILES
1:250,000 1" = 4 MILES

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

FILE: AZORES FED 120823 RELEASE



VERTICAL DELINEATION SAMPLE POINT

HORIZONTAL DELINEATION SAMPLE POINT

RELEASE POINT

APPROXIMATE RELEASE FOOTPRINT

PROPOSED 2' EXCAVATION AREA

PROPOSED 4' EXCAVATION AREA

BASE MAP: GOOGLE EARTH PRO, 11/2/2017.
DATA SOURCES: TRC

0 125 250 FEET

1:1,500 1" = 125'

PROJECT:
AZORES FEDERAL 12.08.23 RELEASE
LEA COUNTY, NM

TITLE:
SITE AND SAMPLE LOCATION MAP WITH PROPOSED EXCAVATION EXTENTS

DRAWN BY:	P. MARCOU	PROJ. NO.:	584312.0000.0000
CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 4**
DATE:	MAY 2024		

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

FILE: AZORES FED 120823 RELEASE

Azores Federal Com Delineation Soil Samples																
Sample Name	Date	Sample Depth (ft. bgs)	Proposed Action	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	m-Xylene & p-Xylene	o-Xylene	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO)-C6-C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	GRO + DRO (mg/kg)	OII Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines				5	-	-			-	50	-	-	<4' bgs: - ≥4': 1,000	-	<4' bgs: 100 ≥4': 2,500	<4' bgs: 600 ≥4': 20,000
Lateral Delineation Soil Samples																
E-1	1/9/2024	0-1	No Action	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	<4.95
N-1	1/9/2024	0-1	No Action	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.6	<49.6	<49.6	<49.6	<49.6	140
N-2	1/9/2024	0-1	No Action	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	<0.00397	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	31.2
S-1	1/9/2024	0-1	No Action	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	32.7
S-2	1/9/2024	0-1	No Action	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	15.5
W-1	1/9/2024	0-1	No Action	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	158
Vertical Delineation Soil Samples																
AH-1 @ 0-1'	1/9/2024	0-1	No Action	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	384
AH-1 @ 2'	1/9/2024	2	No Action	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.5	<50.5	<50.5	<50.5	<50.5	242
AH-1 @ 3'	1/9/2024	3	No Action	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<0.00403	<49.7	<49.7	<49.7	<49.7	<49.7	436
AH-1 @ 3.5'R	1/9/2024	3.5	No Action	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	480
AH-2 @ 0-1'	1/9/2024	0-1	**Excavate**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	**1,320**
AH-2 @ 2'	1/9/2024	2	No Action	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<49.6	<49.6	<49.6	<49.6	<49.6	162
AH-2 @ 2.5'R	1/9/2024	2.5	No Action	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.3	<50.3	<50.3	<50.3	<50.3	32.2
AH-3 @ 0-1'	1/9/2024	0-1	**Excavate**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<0.00404	<50.4	<50.4	<50.4	<50.4	<50.4	**3,870**
AH-3 @ 2'	1/9/2024	2	**Excavate**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.5	<50.5	<50.5	<50.5	<50.5	**4,330**
AH-3 @ 2.5'R	1/9/2024	2.5	**Excavate**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	**3,100**
TT-3 @ 0-1'	5/3/2024	0-1	**Excavate**	-	-	-	-	-	-	-	-	-	-	-	-	191
TT-3 @ 2'	5/3/2024	2	**Excavate**	-	-	-	-	-	-	-	-	-	-	-	-	**2,450**
TT-3 @ 3'	5/3/2024	3	**Excavate**	-	-	-	-	-	-	-	-	-	-	-	-	**10,400**
TT-3 @ 4'	5/3/2024	4	No Action	-	-	-	-	-	-	-	-	-	-	-	-	5,610
TT-3 @ 5'	5/3/2024	5	No Action	-	-	-	-	-	-	-	-	-	-	-	-	293
TT-3 @ 6'	5/3/2024	6	No Action	-	-	-	-	-	-	-	-	-	-	-	-	181
AH-4 @ 0-1'	1/9/2024	0-1	**Excavate**	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	**4,120**
AH-4 @ 2'	1/9/2024	2	**Excavate**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<49.7	<49.7	<49.7	<49.7	<49.7	248
AH-4 @ 3'R	1/9/2024	3	**Excavate**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	**2,230**
TT-4 @ 0-1'	5/3/2024	0-1	**Excavate**	-	-	-	-	-	-	-	-	-	-	-	-	867
TT-4 @ 2'	5/3/2024	2	**Excavate**	-	-	-	-	-	-	-	-	-	-	-	-	**3,460**
TT-4 @ 3'	5/3/2024	3	**Excavate**	-	-	-	-	-	-	-	-	-	-	-	-	**7,990**
TT-4 @ 4'	5/3/2024	4	No Action	-	-	-	-	-	-	-	-	-	-	-	-	6,070
TT-4 @ 5'	5/3/2024	5	No Action	-	-	-	-	-	-	-	-	-	-	-	-	5,410
TT-4 @ 6'	5/3/2024	6	No Action	-	-	-	-	-	-	-	-	-	-	-	-	4,480
TT-4 @ 7'	5/3/2024	7	No Action	-	-	-	-	-	-	-	-	-	-	-	-	1,920
TT-4 @ 8'	5/3/2024	8	No Action	-	-	-	-	-	-	-	-	-	-	-	-	1,040

Azores Federal Com Delineation Soil Samples																
Sample Name	Date	Sample Depth (ft. bgs)	Proposed Action	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	m-Xylene & p-Xylene	o-Xylene	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO)-C6-C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	GRO + DRO (mg/kg)	OII Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines				5	-	-			-	50	-	-	<4' bgs: - ≥4': 1,000	-	<4' bgs: 100 ≥4': 2,500	<4' bgs: 600 ≥4': 20,000
AH-5 @ 0-1'	1/9/2024	0-1	**Excavate**	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<0.00403	<50.1	<50.1	<50.1	<50.1	<50.1	**3,070**
AH-5 @ 2'	1/9/2024	2	**Excavate**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.3	<50.3	<50.3	<50.3	<50.3	**4,690**
AH-5 @ 3'	1/9/2024	3	**Excavate**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.4	<50.4	<50.4	<50.4	<50.4	**4,710**
AH-5 @ 4'	1/9/2024	4	No Action	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<50.5	<50.5	<50.5	<50.5	<50.5	4,000

Exceeds NMOCD Closure Criteria

Remedial Excavation Proposed

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

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

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

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name _____ Title: _____

Signature:  _____ Date: _____

email: _____ Telephone: _____

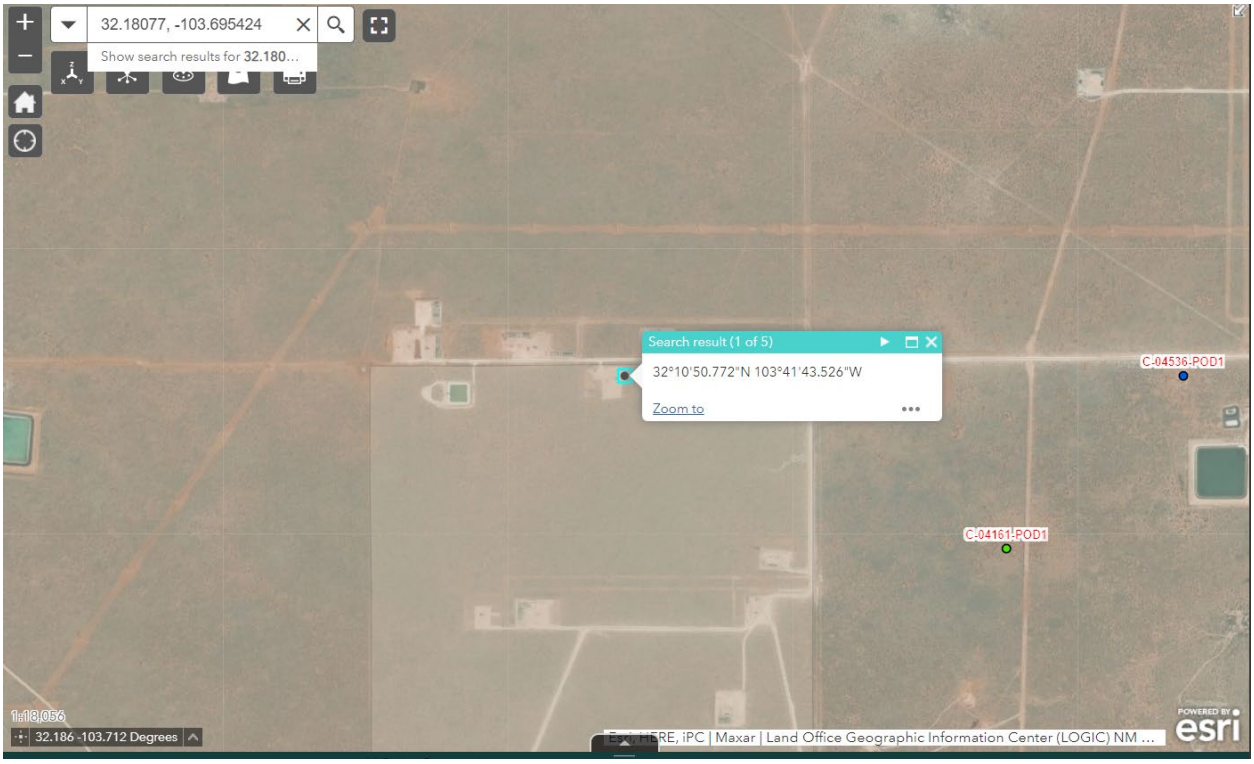
OCD Only

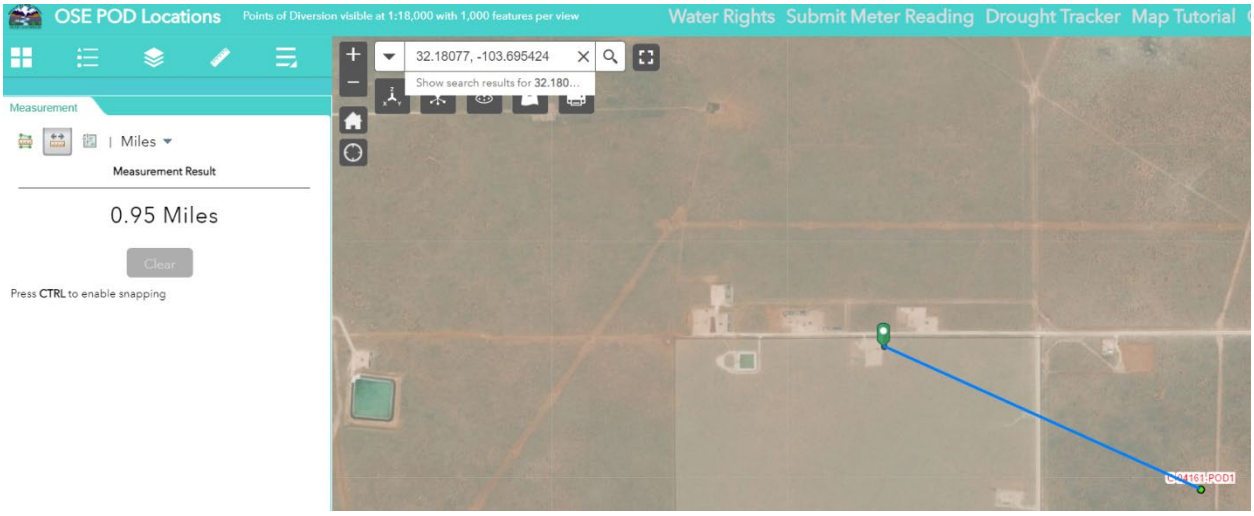
Received by: _____ Date: _____

Spill Calculation - On-Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	Estimated *Pool* Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	101	70	0.2	7035.00	20.87	0.00	20.89
Rectangle B	161	6	0.5	966.00	7.16	0.00	7.18
Rectangle C				0.00	0.00	0.00	0.00
Rectangle D				0.00	0.00	0.00	0.00
Rectangle E				0.00	0.00	0.00	0.00
Rectangle F				0.00	0.00	0.00	0.00
Rectangle G				0.00	0.00	0.00	0.00
Rectangle H				0.00	0.00	0.00	0.00
Rectangle I				0.00	0.00	0.00	0.00
Rectangle J				0.00	0.00	0.00	0.00
				Total Surface Pool Volume Released, Release to Soil/Caliche:			28.0673

Location to C-04601-POD1





New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: C 04161 **Subbasin:** C **Cross Reference:** -

Primary Purpose: DOL 72-12-1 DOMESTIC AND LIVESTOCK WATERING

Primary Status: PMT PERMIT

Total Acres: **Subfile:** - **Header:** -

Total Diversion: 3 **Cause/Case:** -

Agent: DJ ENGINEERING INC

Contact: DALE JOHNSON

Owner: JEFF ROBBINS

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	616613	72121	2017-11-21	PMT	APR	C 04161 POD1	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
C 04161 POD1	20662		4	4	1	33	24S	32E	624386	3560611	0.5 MILES WEST OF ORLA ROAD

New Mexico Office of the State Engineer

Transaction Summary

72121 All Applications Under Statute 72-12-1

Transaction Number: 616613 **Transaction Desc:** C 04161 POD1 **File Date:** 10/23/2017

Primary Status: PMT Permit
Secondary Status: APR Approved
Person Assigned: *******
Agent: DJ ENGINEERING INC
Contact: DALE JOHNSON
Applicant: JEFF ROBBINS

Events

	Date	Type	Description	Comment	Processed By
get images	10/23/2017	APP	Application Received	*	*******
	11/21/2017	FIN	Final Action on application		*******
	11/21/2017	WAP	General Approval Letter		*******
	12/13/2017	QAT	Quality Assurance Completed	DATA	*******
	12/27/2017	QAT	Quality Assurance Completed	IMAGE	*******

Change To:

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
C 04161		3		DOL 72-12-1 DOMESTIC AND LIVESTOCK WATERING
**Point of Diversion				
C 04161 POD1		624386	3560611	

Remarks

THIS IS AN OLD UNDOCUMENTED WELL THAT HAS HIGH TDS BRINE

Remarks

THIS IS AN OLD UNDOCUMENTED WELL THAT HAS HIGH TDS BRINE WATER. WE WANT TO EVALUATE THE POSSIBILITY OF CLEANING THE WATER FOR RANCH USE AS WELL WE WOULD LIKE TO POSSIBLY SELL THE WATER AFTER CLEANING IF IT CAN BE DONE PROFITABLE/ECONOMICALLY.

Conditions

1A Depth of the well shall not exceed the thickness of the valley fill.

10 Total diversion from all wells under this permit number shall not exceed 3 acre-feet per annum.

19 This permit authorizes the diversion of water for domestic use to serve a single household and livestock. The maximum combined total diversion of water under this permit shall not exceed 3 acre-feet per year.

P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

Q The State Engineer retains jurisdiction over this permit.

Action of the State Engineer

IT IS THE PERMITTEE'S RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT. SEE ALL GENERAL CONDITIONS OF APPROVAL.

**** See Image For Any Additional Conditions of Approval ****

Approval Code: A - Approved

Action Date: 11/21/2017

State Engineer: Tom Blaine, P.E.

4 4:44 PM TRANSACTION SUMMARY

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
20662	C 04161 POD1	4	4	1	33	24S	32E	624386	3560611

Driller License: **Driller Company:**

Driller Name:

Drill Start Date: **Drill Finish Date:** **Plug Date:**

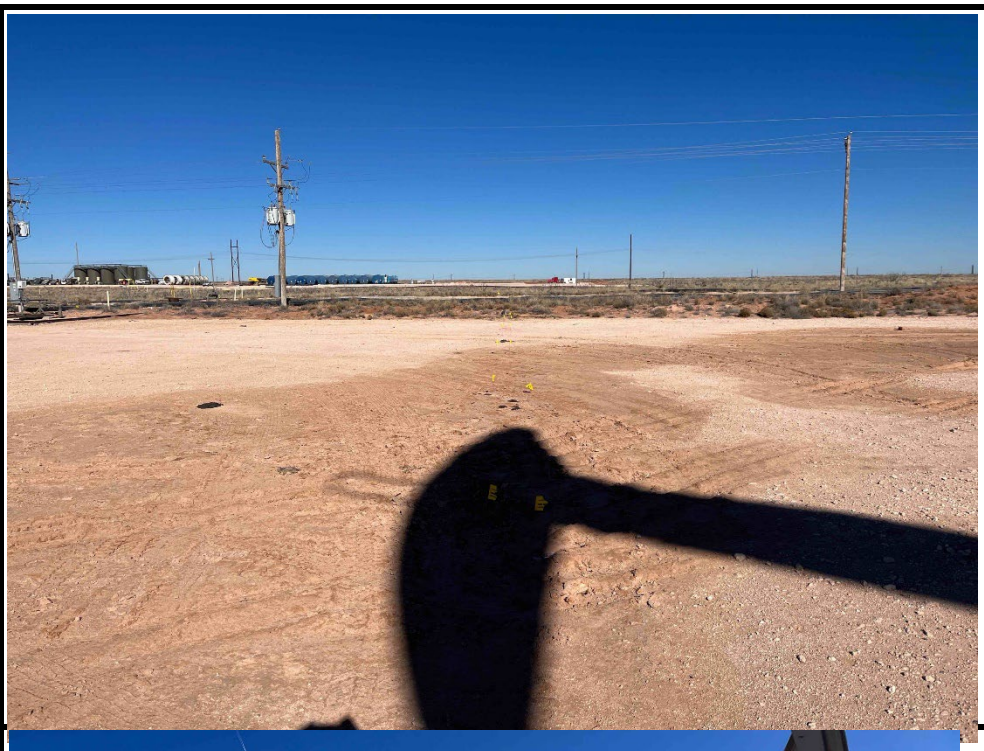
Log File Date: **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** **Depth Water:**

COG- Azores Water Line
1/9/2024

Photographic Documentation

Photograph No. 1 **Date:** **1/9/2024** **Direction:** **West** **Description:** **View of pad release footprint.**	
Photograph No. 2 **Date:** **1/9/2024** **Direction:** **North** **Description:** **View of pad release footprint.**	

COG- Azores Water Line
1/9/2024

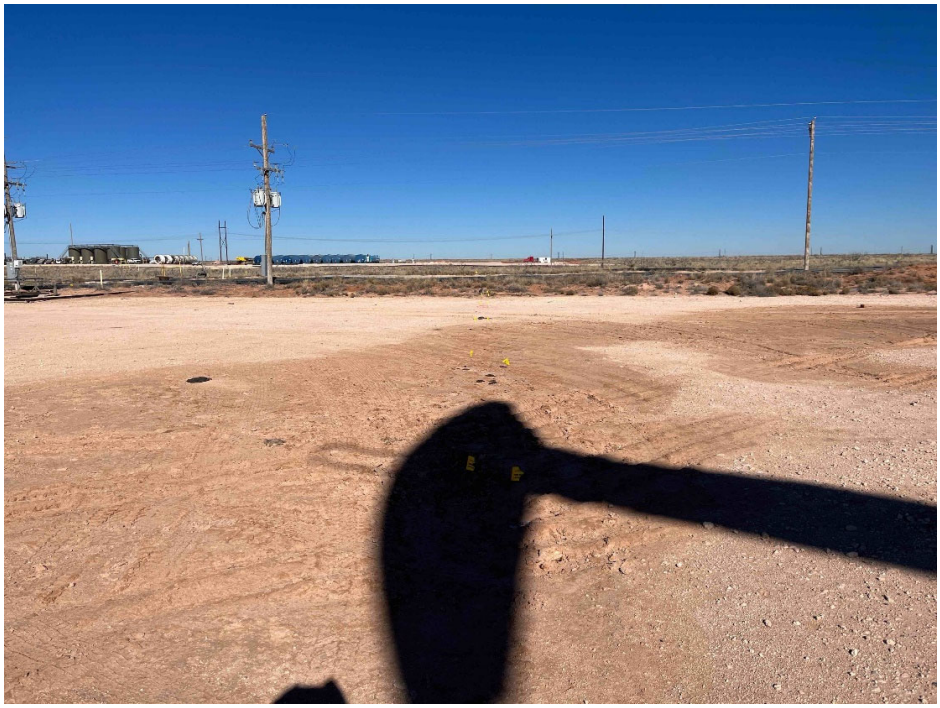
Photographic Documentation

Photograph No. 3 **Date:** **1/9/2024** **Direction:** **Southwest** **Description:** **View of pad release footprint.**	
Photograph No. 4 **Date:** **1/9/2024** **Direction:** **Northeast** **Description:** **View of pad release footprint.**	

Appendix C: Photographic Documentation

COG- Azores Water Line
6/30/2025

Photographic Documentation

Photograph No. 1 **Date:** **1/9/2024** **Direction:** **West** **Description:** **View of pad release footprint.**	
Photograph No. 2 **Date:** **1/9/2024** **Direction:** **North** **Description:** **View of pad release footprint.**	

COG- Azores Water Line
6/30/2025

Photographic Documentation

Photograph No. 3 **Date:** **1/9/2024** **Direction:** **Southwest** **Description:** **View of pad release footprint.**	
Photograph No. 4 **Date:** **1/9/2024** **Direction:** **Northeast** **Description:** **View of pad release footprint.**	

COG- Azores Water Line
6/30/2025

Photographic Documentation

Photograph No. 5 **Date:** **1/9/2024** **Direction:** **North Northwest** **Description:** **View of pad release footprint.**	
Photograph No. 6 **Date:** **1/9/2024** **Direction:** **South Southeast** **Description:** **View of pad release footprint from pastureland.**	

COG- Azores Water Line
6/30/2025

Photographic Documentation

Photograph No. 7 **Date:** **1/9/2024** **Direction:** **North** **Description:** **View of pastureland release footprint.**	
Photograph No. 8 **Date:** **1/9/2024** **Direction:** **East** **Description:** **View of pastureland release footprint.**	

COG- Azores Water Line
6/30/2025

Photographic Documentation

Photograph No. 9 **Date:** **6/11/2025** **Direction:** **Southeast** **Description:** **View of additional excavation activities following denial.**	
Photograph No. 10 **Date:** **6/12/2025** **Direction:** **Southeast** **Description:** **View of completed excavation area following denail.**	

COG- Azores Water Line
6/30/2025

Photographic Documentation

Photograph No. 11 **Date:** **6/13/2025** **Direction:** **Southeast** **Description:** **View of final backfill.**	
Photograph No. 12 **Date:** **6/13/2025** **Direction:** **North Northwest.** **Description:** **View of final backfill.**	

Appendix D: Laboratory Analytical Data

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/4/2024 4:30:25 PM Revision 1

JOB DESCRIPTION

COP AZORES FED
607457

JOB NUMBER

890-7063-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

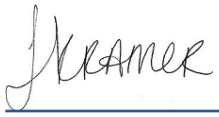
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
9/4/2024 4:30:25 PM
Revision 1

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

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Laboratory Job ID: 890-7063-1
SDG: 607457

Table of Contents

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project: COP AZORES FED

Job ID: 890-7063-1

Job ID: 890-7063-1 Eurofins Carlsbad

Job Narrative
890-7063-1

REVISION

The report being provided is a revision of the original report sent on 9/3/2024. The report (revision 1) is being revised due to Per client email, requesting sample ID correction.

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

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

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

Receipt
The samples were received on 8/29/2024 3:23 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: North SW Pasture 2 (890-7063-1), North SW Pasture 3 (890-7063-2) and South SW Pad 2 (890-7063-3).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: (890-7064-A-1-D), (890-7064-A-1-B MS) and (890-7064-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-89764 and analytical batch 880-89748 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-89749 recovered below the lower control limit for Benzene. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-89749/33).

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-89776/2-A), (LCSD 880-89776/3-A), (880-47917-A-18-C), (880-47917-A-18-D MS) and (880-47917-A-18-E MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-89930 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-89930/21).

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

Client Sample ID: North SW Pasture 2

Lab Sample ID: 890-7063-1
Matrix: Solid
Date Collected: 08/29/24 10:00
Date Received: 08/29/24 15:23
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		08/30/24 09:00	08/30/24 20:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 09:00	08/30/24 20:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 09:00	08/30/24 20:48	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/30/24 09:00	08/30/24 20:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 09:00	08/30/24 20:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/24 09:00	08/30/24 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*08/30/24 09:00*	*08/30/24 20:48*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*08/30/24 09:00*	*08/30/24 20:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/30/24 20:48	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			09/03/24 17:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/30/24 10:05	09/03/24 17:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 10:05	09/03/24 17:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 10:05	09/03/24 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*08/30/24 10:05*	*09/03/24 17:38*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*08/30/24 10:05*	*09/03/24 17:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**		5.02		mg/Kg			09/03/24 13:25	1

Client Sample ID: North SW Pasture 3

Lab Sample ID: 890-7063-2
Matrix: Solid
Date Collected: 08/29/24 13:30
Date Received: 08/29/24 15:23
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		08/30/24 09:00	08/30/24 21:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/24 09:00	08/30/24 21:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/24 09:00	08/30/24 21:09	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/30/24 09:00	08/30/24 21:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/24 09:00	08/30/24 21:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/24 09:00	08/30/24 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*08/30/24 09:00*	*08/30/24 21:09*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

Client Sample ID: North SW Pasture 3

Lab Sample ID: 890-7063-2
Matrix: Solid
Date Collected: 08/29/24 13:30
Date Received: 08/29/24 15:23
Sample Depth: 4

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*08/30/24 09:00*	*08/30/24 21:09*	*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			08/30/24 21:09	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			09/03/24 17:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		08/30/24 10:05	09/03/24 17:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/30/24 10:05	09/03/24 17:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/30/24 10:05	09/03/24 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*08/30/24 10:05*	*09/03/24 17:54*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*08/30/24 10:05*	*09/03/24 17:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**403**		4.98	mg/Kg			09/03/24 13:34	1

Client Sample ID: South SW Pad 2

Lab Sample ID: 890-7063-3
Matrix: Solid
Date Collected: 08/29/24 10:15
Date Received: 08/29/24 15:23
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		08/30/24 09:31	08/30/24 20:02	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/30/24 09:31	08/30/24 20:02	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/30/24 09:31	08/30/24 20:02	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/30/24 09:31	08/30/24 20:02	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/30/24 09:31	08/30/24 20:02	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/30/24 09:31	08/30/24 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*08/30/24 09:31*	*08/30/24 20:02*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*08/30/24 09:31*	*08/30/24 20:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			08/30/24 20:02	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			09/03/24 18:11	1

Eurofins Carlsbad

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

Client Sample ID: South SW Pad 2

Date Collected: 08/29/24 10:15
Date Received: 08/29/24 15:23
Sample Depth: 2

Lab Sample ID: 890-7063-3

Matrix: Solid

Method: 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		08/30/24 10:05	09/03/24 18:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/24 10:05	09/03/24 18:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/24 10:05	09/03/24 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*08/30/24 10:05*	*09/03/24 18:11*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*08/30/24 10:05*	*09/03/24 18:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**142**		5.03		mg/Kg			09/03/24 13:43	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-47904-A-1-C MS	Matrix Spike	112	102
880-47904-A-1-D MSD	Matrix Spike Duplicate	110	99
890-7063-1	North SW Pasture 2	110	80
890-7063-2	North SW Pasture 3	107	80
890-7063-3	South SW Pad 2	113	100
890-7064-A-1-B MS	Matrix Spike	242 S1+	130
890-7064-A-1-C MSD	Matrix Spike Duplicate	248 S1+	116
LCS 880-89755/1-A	Lab Control Sample	110	108
LCS 880-89764/1-A	Lab Control Sample	97	105
LCSD 880-89755/2-A	Lab Control Sample Dup	112	106
LCSD 880-89764/2-A	Lab Control Sample Dup	103	101
MB 880-89755/5-A	Method Blank	99	78
MB 880-89764/5-A	Method Blank	104	95

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)
880-47917-A-18-D MS	Matrix Spike	127	137 S1+
880-47917-A-18-E MSD	Matrix Spike Duplicate	127	136 S1+
890-7063-1	North SW Pasture 2	125	124
890-7063-2	North SW Pasture 3	119	119
890-7063-3	South SW Pad 2	118	116
LCS 880-89776/2-A	Lab Control Sample	125	138 S1+
LCSD 880-89776/3-A	Lab Control Sample Dup	124	135 S1+
MB 880-89776/1-A	Method Blank	101	102

Surrogate Legend

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

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-89755/5-A
Matrix: Solid
Analysis Batch: 89749

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89755

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/24 09:00	08/30/24 12:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 09:00	08/30/24 12:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 09:00	08/30/24 12:14	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/30/24 09:00	08/30/24 12:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 09:00	08/30/24 12:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/24 09:00	08/30/24 12:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/30/24 09:00*	*08/30/24 12:14*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*08/30/24 09:00*	*08/30/24 12:14*	*1*

Lab Sample ID: LCS 880-89755/1-A
Matrix: Solid
Analysis Batch: 89749

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89755

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1204		mg/Kg		120	70 - 130		
Toluene			0.100	0.1016		mg/Kg		102	70 - 130		
Ethylbenzene			0.100	0.1039		mg/Kg		104	70 - 130		
m,p-Xylenes			0.200	0.2110		mg/Kg		105	70 - 130		
o-Xylene			0.100	0.1019		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-89755/2-A
Matrix: Solid
Analysis Batch: 89749

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89755

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1228		mg/Kg		123	70 - 130	2	35
Toluene			0.100	0.1040		mg/Kg		104	70 - 130	2	35
Ethylbenzene			0.100	0.1064		mg/Kg		106	70 - 130	2	35
m,p-Xylenes			0.200	0.2157		mg/Kg		108	70 - 130	2	35
o-Xylene			0.100	0.1045		mg/Kg		105	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 880-47904-A-1-C MS
Matrix: Solid
Analysis Batch: 89749

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 89755

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1185		mg/Kg		119	70 - 130		
Toluene	<0.00200	U	0.100	0.1003		mg/Kg		100	70 - 130		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

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

Lab Sample ID: 880-47904-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89749 — **Prep Batch: 89755**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1013		mg/Kg		101	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2085		mg/Kg		104	70 - 130
o-Xylene	<0.00200	U	0.100	0.1007		mg/Kg		101	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-47904-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89749 — **Prep Batch: 89755**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1158		mg/Kg		116	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.09724		mg/Kg		97	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.09911		mg/Kg		99	70 - 130	2	35
m,p-Xylenes	<0.00399	U	0.200	0.2024		mg/Kg		101	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.09797		mg/Kg		98	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-89764/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89748 — **Prep Batch: 89764**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/24 09:31	08/30/24 12:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/24 09:31	08/30/24 12:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/24 09:31	08/30/24 12:07	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/30/24 09:31	08/30/24 12:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/24 09:31	08/30/24 12:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/24 09:31	08/30/24 12:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/30/24 09:31*	*08/30/24 12:07*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*08/30/24 09:31*	*08/30/24 12:07*	*1*

Lab Sample ID: LCS 880-89764/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89748 — **Prep Batch: 89764**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1201		mg/Kg		120	70 - 130
Toluene	0.100	0.1153		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1183		mg/Kg		118	70 - 130
m,p-Xylenes	0.200	0.2404		mg/Kg		120	70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

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

Lab Sample ID: LCS 880-89764/1-A
Matrix: Solid
Analysis Batch: 89748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89764

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1206		mg/Kg		121	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-89764/2-A
Matrix: Solid
Analysis Batch: 89748

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89764

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1064		mg/Kg		106	70 - 130	12	35
Toluene			0.100	0.1001		mg/Kg		100	70 - 130	14	35
Ethylbenzene			0.100	0.1025		mg/Kg		103	70 - 130	14	35
m,p-Xylenes			0.200	0.2079		mg/Kg		104	70 - 130	14	35
o-Xylene			0.100	0.1054		mg/Kg		105	70 - 130	13	35

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

Lab Sample ID: 890-7064-A-1-B MS
Matrix: Solid
Analysis Batch: 89748

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 89764

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1	0.100	0.1298		mg/Kg		128	70 - 130		
Toluene	<0.00200	U	0.100	0.09293		mg/Kg		93	70 - 130		
Ethylbenzene	0.00351	F1	0.100	0.07281	F1	mg/Kg		69	70 - 130		
m,p-Xylenes	0.0407		0.200	0.2091		mg/Kg		84	70 - 130		
o-Xylene	0.00487	F1	0.100	0.06839	F1	mg/Kg		64	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*242*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*130*		*70 - 130*

Lab Sample ID: 890-7064-A-1-C MSD
Matrix: Solid
Analysis Batch: 89748

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 89764

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.1391	F1	mg/Kg		137	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.1077		mg/Kg		108	70 - 130	15	35
Ethylbenzene	0.00351	F1	0.100	0.08469		mg/Kg		81	70 - 130	15	35
m,p-Xylenes	0.0407		0.200	0.2284		mg/Kg		94	70 - 130	9	35
o-Xylene	0.00487	F1	0.100	0.07440		mg/Kg		70	70 - 130	8	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

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

Lab Sample ID: 890-7064-A-1-C MSD
Matrix: Solid
Analysis Batch: 89748

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 89764

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	248	S1+	70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

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

Lab Sample ID: MB 880-89776/1-A
Matrix: Solid
Analysis Batch: 89930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89776

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		08/30/24 10:05	09/03/24 10:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/24 10:05	09/03/24 10:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/24 10:05	09/03/24 10:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	08/30/24 10:05	09/03/24 10:12	1
o-Terphenyl (Surr)	102		70 - 130	08/30/24 10:05	09/03/24 10:12	1

Lab Sample ID: LCS 880-89776/2-A
Matrix: Solid
Analysis Batch: 89930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89776

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1052		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1068		mg/Kg		107	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	125		70 - 130
o-Terphenyl (Surr)	138	S1+	70 - 130

Lab Sample ID: LCSD 880-89776/3-A
Matrix: Solid
Analysis Batch: 89930

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89776

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1061		mg/Kg		106	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1060		mg/Kg		106	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	124		70 - 130
o-Terphenyl (Surr)	135	S1+	70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

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

Lab Sample ID: 880-47917-A-18-D MS
Matrix: Solid
Analysis Batch: 89930

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 89776

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	1139		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1154		mg/Kg		116	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*127*		*70 - 130*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*

Lab Sample ID: 880-47917-A-18-E MSD
Matrix: Solid
Analysis Batch: 89930

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 89776

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	1117		mg/Kg		112	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1155		mg/Kg		116	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*127*		*70 - 130*
o-Terphenyl (Surr)	*136*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-89784/1-A
Matrix: Solid
Analysis Batch: 89835

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			09/03/24 11:21	1

Lab Sample ID: LCS 880-89784/2-A
Matrix: Solid
Analysis Batch: 89835

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	240.1		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-89784/3-A
Matrix: Solid
Analysis Batch: 89835

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	234.7		mg/Kg		94	90 - 110	2	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 820-15019-A-21-B MS
Matrix: Solid
Analysis Batch: 89835

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	167		248	423.8		mg/Kg		103	90 - 110		

Lab Sample ID: 820-15019-A-21-C MSD
Matrix: Solid
Analysis Batch: 89835

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	167		248	425.9		mg/Kg		104	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

GC VOA

Analysis Batch: 89748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7063-3	South SW Pad 2	Total/NA	Solid	8021B	89764
MB 880-89764/5-A	Method Blank	Total/NA	Solid	8021B	89764
LCS 880-89764/1-A	Lab Control Sample	Total/NA	Solid	8021B	89764
LCSD 880-89764/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89764
890-7064-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	89764
890-7064-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	89764

Analysis Batch: 89749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7063-1	North SW Pasture 2	Total/NA	Solid	8021B	89755
890-7063-2	North SW Pasture 3	Total/NA	Solid	8021B	89755
MB 880-89755/5-A	Method Blank	Total/NA	Solid	8021B	89755
LCS 880-89755/1-A	Lab Control Sample	Total/NA	Solid	8021B	89755
LCSD 880-89755/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89755
880-47904-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	89755
880-47904-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	89755

Prep Batch: 89755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7063-1	North SW Pasture 2	Total/NA	Solid	5035	
890-7063-2	North SW Pasture 3	Total/NA	Solid	5035	
MB 880-89755/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89755/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89755/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-47904-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-47904-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 89764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7063-3	South SW Pad 2	Total/NA	Solid	5035	
MB 880-89764/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89764/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89764/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7064-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
890-7064-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 89921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7063-1	North SW Pasture 2	Total/NA	Solid	Total BTEX	
890-7063-2	North SW Pasture 3	Total/NA	Solid	Total BTEX	
890-7063-3	South SW Pad 2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 89776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7063-1	North SW Pasture 2	Total/NA	Solid	8015NM Prep	
890-7063-2	North SW Pasture 3	Total/NA	Solid	8015NM Prep	
890-7063-3	South SW Pad 2	Total/NA	Solid	8015NM Prep	
MB 880-89776/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89776/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

GC Semi VOA (Continued)

Prep Batch: 89776 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-89776/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-47917-A-18-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-47917-A-18-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 89930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7063-1	North SW Pasture 2	Total/NA	Solid	8015B NM	89776
890-7063-2	North SW Pasture 3	Total/NA	Solid	8015B NM	89776
890-7063-3	South SW Pad 2	Total/NA	Solid	8015B NM	89776
MB 880-89776/1-A	Method Blank	Total/NA	Solid	8015B NM	89776
LCS 880-89776/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89776
LCSD 880-89776/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89776
880-47917-A-18-D MS	Matrix Spike	Total/NA	Solid	8015B NM	89776
880-47917-A-18-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	89776

Analysis Batch: 90009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7063-1	North SW Pasture 2	Total/NA	Solid	8015 NM	
890-7063-2	North SW Pasture 3	Total/NA	Solid	8015 NM	
890-7063-3	South SW Pad 2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 89784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7063-1	North SW Pasture 2	Soluble	Solid	DI Leach	
890-7063-2	North SW Pasture 3	Soluble	Solid	DI Leach	
890-7063-3	South SW Pad 2	Soluble	Solid	DI Leach	
MB 880-89784/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-89784/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-89784/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-15019-A-21-B MS	Matrix Spike	Soluble	Solid	DI Leach	
820-15019-A-21-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 89835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7063-1	North SW Pasture 2	Soluble	Solid	300.0	89784
890-7063-2	North SW Pasture 3	Soluble	Solid	300.0	89784
890-7063-3	South SW Pad 2	Soluble	Solid	300.0	89784
MB 880-89784/1-A	Method Blank	Soluble	Solid	300.0	89784
LCS 880-89784/2-A	Lab Control Sample	Soluble	Solid	300.0	89784
LCSD 880-89784/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	89784
820-15019-A-21-B MS	Matrix Spike	Soluble	Solid	300.0	89784
820-15019-A-21-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	89784

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

Client Sample ID: North SW Pasture 2

Lab Sample ID: 890-7063-1
Matrix: Solid
Date Collected: 08/29/24 10:00
Date Received: 08/29/24 15:23

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	89755	08/30/24 09:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89749	08/30/24 20:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89921	08/30/24 20:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			90009	09/03/24 17:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89776	08/30/24 10:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/03/24 17:38	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89784	08/30/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89835	09/03/24 13:25	SMC	EET MID

Client Sample ID: North SW Pasture 3

Lab Sample ID: 890-7063-2
Matrix: Solid
Date Collected: 08/29/24 13:30
Date Received: 08/29/24 15:23

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	89755	08/30/24 09:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89749	08/30/24 21:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89921	08/30/24 21:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			90009	09/03/24 17:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89776	08/30/24 10:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/03/24 17:54	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89784	08/30/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89835	09/03/24 13:34	SMC	EET MID

Client Sample ID: South SW Pad 2

Lab Sample ID: 890-7063-3
Matrix: Solid
Date Collected: 08/29/24 10:15
Date Received: 08/29/24 15:23

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	89764	08/30/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89748	08/30/24 20:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89921	08/30/24 20:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			90009	09/03/24 18:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89776	08/30/24 10:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89930	09/03/24 18:11	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	89784	08/30/24 11:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89835	09/03/24 13:43	SMC	EET MID

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

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: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP AZORES FED

Job ID: 890-7063-1
SDG: 607457

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7063-1	North SW Pasture 2	Solid	08/29/24 10:00	08/29/24 15:23	4
890-7063-2	North SW Pasture 3	Solid	08/29/24 13:30	08/29/24 15:23	4
890-7063-3	South SW Pad 2	Solid	08/29/24 10:15	08/29/24 15:23	2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: ______________

Page ______ of ______

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland Dr	Address:	
City, State ZIP:	#250 Austin, TX	City, State ZIP:	78752
Phone:	432-238-3003	Email:	jstoffel@TRCcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP Azores Fed	Turn Around	
Project Number:	607457	☑ Routine	☐ Rush
Project Location:		Due Date:	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	Tumoo7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.2
Total Containers:		Corrected Temperature:	4.0

ANALYSIS REQUEST — Pres. Code / Parameters: Cl, TPH, BTEX 8021

890-7063 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ (Comp)	# of Cont	Cl	TPH	BTEX 8021
NSW Pasture 2	Soil	8/29/24	10:00	4		1	✓	✓	✓
NSW Pasture 3	✓	|	13:30	4		1	✓	✓	✓
SSW Pad	✓	|	10:15	2		1	✓	✓	✓

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	[signature]	[signature] 1523	8/29/24 3:25	2			
3				4			
5				6			

Revised Date: 08/25/2020 Rev. 2020.2

9/4/2024 (Rev. 1)

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-7063-1
SDG Number: 607457

Login Number: 7063
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-7063-1
SDG Number: 607457

Login Number: 7063
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/30/24 08:20 AM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/4/2024 2:19:02 PM

JOB DESCRIPTION

COP Azores Fed
607457

JOB NUMBER

890-7067-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

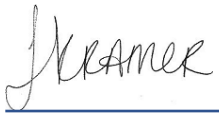
Eurofins Carlsbad

Job Notes

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

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

Authorization



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9/4/2024 2:19:02 PM

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

Client: TRC Solutions, Inc.
Project/Site: COP Azores Fed

Laboratory Job ID: 890-7067-1
SDG: 607457

Table of Contents

Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 890-7067-1
Project/Site: COP Azores Fed SDG: 607457

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project: COP Azores Fed

Job ID: 890-7067-1

Job ID: 890-7067-1 Eurofins Carlsbad

Job Narrative
890-7067-1

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

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

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

Receipt
The samples were received on 8/30/2024 2:58 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-89909 and analytical batch 880-89913 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (CCV 880-89913/33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-89959 and analytical batch 880-89933 was outside the control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-89959 and analytical batch 880-89933 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-7064-A-1-I MS) and (890-7064-A-1-J MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-89933/24). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Azores Fed

Job ID: 890-7067-1
SDG: 607457

Client Sample ID: ESW PASTURE 3

Lab Sample ID: 890-7067-1
Matrix: Solid
Date Collected: 08/30/24 09:45
Date Received: 08/30/24 14:58
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		09/03/24 08:45	09/03/24 15:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/03/24 08:45	09/03/24 15:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/24 08:45	09/03/24 15:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/24 08:45	09/03/24 15:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/24 08:45	09/03/24 15:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/24 08:45	09/03/24 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*09/03/24 08:45*	*09/03/24 15:12*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*09/03/24 08:45*	*09/03/24 15:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/03/24 15:12	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			09/03/24 16:54	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		09/03/24 12:21	09/03/24 16:54	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		09/03/24 12:21	09/03/24 16:54	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		09/03/24 12:21	09/03/24 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*09/03/24 12:21*	*09/03/24 16:54*	*1*
o-Terphenyl	*92*		*70 - 130*	*09/03/24 12:21*	*09/03/24 16:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**224**		5.02		mg/Kg			09/04/24 11:50	1

Client Sample ID: WSW PASTURE 2

Lab Sample ID: 890-7067-2
Matrix: Solid
Date Collected: 08/30/24 10:15
Date Received: 08/30/24 14:58

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		09/03/24 08:45	09/03/24 18:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/03/24 08:45	09/03/24 18:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/03/24 08:45	09/03/24 18:04	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/03/24 08:45	09/03/24 18:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/03/24 08:45	09/03/24 18:04	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/03/24 08:45	09/03/24 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*09/03/24 08:45*	*09/03/24 18:04*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/03/24 08:45*	*09/03/24 18:04*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Azores Fed

Job ID: 890-7067-1
SDG: 607457

Client Sample ID: WSW PASTURE 2

Date Collected: 08/30/24 10:15
Date Received: 08/30/24 14:58

Lab Sample ID: 890-7067-2

Matrix: Solid

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			09/03/24 18:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			09/03/24 17:09	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		09/03/24 12:21	09/03/24 17:09	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		09/03/24 12:21	09/03/24 17:09	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		09/03/24 12:21	09/03/24 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*09/03/24 12:21*	*09/03/24 17:09*	*1*
o-Terphenyl	*90*		*70 - 130*	*09/03/24 12:21*	*09/03/24 17:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.3**		4.98		mg/Kg			09/04/24 11:59	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP Azores Fed

Job ID: 890-7067-1
SDG: 607457

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7066-A-61-A MS	Matrix Spike	100	101
890-7066-A-61-B MSD	Matrix Spike Duplicate	109	102
890-7067-1	ESW PASTURE 3	117	105
890-7067-2	WSW PASTURE 2	89	94
LCS 880-89909/1-A	Lab Control Sample	109	108
LCSD 880-89909/2-A	Lab Control Sample Dup	115	105
MB 880-89909/5-A	Method Blank	144 S1+	105

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7064-A-1-I MS	Matrix Spike	110	144 S1+
890-7064-A-1-J MSD	Matrix Spike Duplicate	108	142 S1+
890-7067-1	ESW PASTURE 3	84	92
890-7067-2	WSW PASTURE 2	82	90
LCS 880-89959/2-A	Lab Control Sample	93	105
LCSD 880-89959/3-A	Lab Control Sample Dup	95	102
MB 880-89959/1-A	Method Blank	66 S1-	74

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Azores Fed

Job ID: 890-7067-1
SDG: 607457

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-89909/5-A
Matrix: Solid
Analysis Batch: 89913

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89909

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/03/24 08:45	09/03/24 12:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/24 08:45	09/03/24 12:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/24 08:45	09/03/24 12:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/03/24 08:45	09/03/24 12:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/24 08:45	09/03/24 12:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/24 08:45	09/03/24 12:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*09/03/24 08:45*	*09/03/24 12:41*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*09/03/24 08:45*	*09/03/24 12:41*	*1*

Lab Sample ID: LCS 880-89909/1-A
Matrix: Solid
Analysis Batch: 89913

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89909

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1018		mg/Kg		102	70 - 130		
Toluene			0.100	0.1004		mg/Kg		100	70 - 130		
Ethylbenzene			0.100	0.1085		mg/Kg		109	70 - 130		
m-Xylene & p-Xylene			0.200	0.2151		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.1077		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-89909/2-A
Matrix: Solid
Analysis Batch: 89913

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89909

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1029		mg/Kg		103	70 - 130	1	35
Toluene			0.100	0.09543		mg/Kg		95	70 - 130	5	35
Ethylbenzene			0.100	0.1135		mg/Kg		114	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2277		mg/Kg		114	70 - 130	6	35
o-Xylene			0.100	0.1162		mg/Kg		116	70 - 130	8	35

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

Lab Sample ID: 890-7066-A-61-A MS
Matrix: Solid
Analysis Batch: 89913

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 89909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.09058		mg/Kg		91	70 - 130		
Toluene	<0.00200	U	0.0996	0.09771		mg/Kg		98	70 - 130		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Azores Fed

Job ID: 890-7067-1
SDG: 607457

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

Lab Sample ID: 890-7066-A-61-A MS
Matrix: Solid
Analysis Batch: 89913

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 89909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0996	0.09309		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1904		mg/Kg		96	70 - 130
o-Xylene	<0.00200	U	0.0996	0.09608		mg/Kg		96	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-7066-A-61-B MSD
Matrix: Solid
Analysis Batch: 89913

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 89909

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09680		mg/Kg		98	70 - 130	7	35
Toluene	<0.00200	U	0.0990	0.09731		mg/Kg		98	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0990	0.09918		mg/Kg		100	70 - 130	6	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.2033		mg/Kg		103	70 - 130	7	35
o-Xylene	<0.00200	U	0.0990	0.1059		mg/Kg		107	70 - 130	10	35

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

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

Lab Sample ID: MB 880-89959/1-A
Matrix: Solid
Analysis Batch: 89933

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89959

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		09/03/24 08:00	09/03/24 09:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/24 08:00	09/03/24 09:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/24 08:00	09/03/24 09:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*66*	*S1-*	*70 - 130*	*09/03/24 08:00*	*09/03/24 09:37*	*1*
o-Terphenyl	*74*		*70 - 130*	*09/03/24 08:00*	*09/03/24 09:37*	*1*

Lab Sample ID: LCS 880-89959/2-A
Matrix: Solid
Analysis Batch: 89933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89959

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	863.4		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1029		mg/Kg		103	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Azores Fed

Job ID: 890-7067-1
SDG: 607457

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

Lab Sample ID: LCS 880-89959/2-A
Matrix: Solid
Analysis Batch: 89933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89959

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: LCSD 880-89959/3-A
Matrix: Solid
Analysis Batch: 89933

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89959

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	920.5		mg/Kg		92	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	1041		mg/Kg		104	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 890-7064-A-1-I MS
Matrix: Solid
Analysis Batch: 89933

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 89959

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	49.9		1000	1055		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1040	F1	1000	2971	F1	mg/Kg		193	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	144	S1+	70 - 130

Lab Sample ID: 890-7064-A-1-J MSD
Matrix: Solid
Analysis Batch: 89933

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 89959

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	49.9		1000	1028		mg/Kg		97	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1040	F1	1000	2883	F1	mg/Kg		184	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	142	S1+	70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Azores Fed

Job ID: 890-7067-1
SDG: 607457

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-90018/1-A
Matrix: Solid
Analysis Batch: 90019

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			09/04/24 10:15	1

Lab Sample ID: LCS 880-90018/2-A
Matrix: Solid
Analysis Batch: 90019

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	239.0		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-90018/3-A
Matrix: Solid
Analysis Batch: 90019

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	238.5		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-47817-A-1-B MS
Matrix: Solid
Analysis Batch: 90019

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	64.7		252	303.8		mg/Kg		95	90 - 110		

Lab Sample ID: 880-47817-A-1-C MSD
Matrix: Solid
Analysis Batch: 90019

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	64.7		252	304.1		mg/Kg		95	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP Azores Fed

Job ID: 890-7067-1
SDG: 607457

GC VOA

Prep Batch: 89909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7067-1	ESW PASTURE 3	Total/NA	Solid	5035	
890-7067-2	WSW PASTURE 2	Total/NA	Solid	5035	
MB 880-89909/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89909/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89909/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7066-A-61-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7066-A-61-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 89913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7067-1	ESW PASTURE 3	Total/NA	Solid	8021B	89909
890-7067-2	WSW PASTURE 2	Total/NA	Solid	8021B	89909
MB 880-89909/5-A	Method Blank	Total/NA	Solid	8021B	89909
LCS 880-89909/1-A	Lab Control Sample	Total/NA	Solid	8021B	89909
LCSD 880-89909/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89909
890-7066-A-61-A MS	Matrix Spike	Total/NA	Solid	8021B	89909
890-7066-A-61-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	89909

Analysis Batch: 90067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7067-1	ESW PASTURE 3	Total/NA	Solid	Total BTEX	
890-7067-2	WSW PASTURE 2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 89933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7067-1	ESW PASTURE 3	Total/NA	Solid	8015B NM	89959
890-7067-2	WSW PASTURE 2	Total/NA	Solid	8015B NM	89959
MB 880-89959/1-A	Method Blank	Total/NA	Solid	8015B NM	89959
LCS 880-89959/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89959
LCSD 880-89959/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89959
890-7064-A-1-I MS	Matrix Spike	Total/NA	Solid	8015B NM	89959
890-7064-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	89959

Prep Batch: 89959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7067-1	ESW PASTURE 3	Total/NA	Solid	8015NM Prep	
890-7067-2	WSW PASTURE 2	Total/NA	Solid	8015NM Prep	
MB 880-89959/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89959/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-89959/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7064-A-1-I MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7064-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 90062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7067-1	ESW PASTURE 3	Total/NA	Solid	8015 NM	
890-7067-2	WSW PASTURE 2	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP Azores Fed

Job ID: 890-7067-1
SDG: 607457

HPLC/IC

Leach Batch: 90018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7067-1	ESW PASTURE 3	Soluble	Solid	DI Leach	
890-7067-2	WSW PASTURE 2	Soluble	Solid	DI Leach	
MB 880-90018/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90018/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90018/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47817-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-47817-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 90019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7067-1	ESW PASTURE 3	Soluble	Solid	300.0	90018
890-7067-2	WSW PASTURE 2	Soluble	Solid	300.0	90018
MB 880-90018/1-A	Method Blank	Soluble	Solid	300.0	90018
LCS 880-90018/2-A	Lab Control Sample	Soluble	Solid	300.0	90018
LCSD 880-90018/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90018
880-47817-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	90018
880-47817-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	90018

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP Azores Fed

Job ID: 890-7067-1
SDG: 607457

Client Sample ID: ESW PASTURE 3

Lab Sample ID: 890-7067-1

Date Collected: 08/30/24 09:45
Matrix: Solid
Date Received: 08/30/24 14:58

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	89909	09/03/24 08:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89913	09/03/24 15:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90067	09/03/24 15:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			90062	09/03/24 16:54	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	89959	09/03/24 12:21	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89933	09/03/24 16:54	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90018	09/04/24 07:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90019	09/04/24 11:50	CH	EET MID

Client Sample ID: WSW PASTURE 2

Lab Sample ID: 890-7067-2

Date Collected: 08/30/24 10:15
Matrix: Solid
Date Received: 08/30/24 14:58

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	89909	09/03/24 08:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89913	09/03/24 18:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90067	09/03/24 18:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			90062	09/03/24 17:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	89959	09/03/24 12:21	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89933	09/03/24 17:09	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90018	09/04/24 07:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90019	09/04/24 11:59	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: COP Azores Fed

Job ID: 890-7067-1
SDG: 607457

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

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. Job ID: 890-7067-1
Project/Site: COP Azores Fed SDG: 607457

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP Azores Fed

Job ID: 890-7067-1
SDG: 607457

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7067-1	ESW PASTURE 3	Solid	08/30/24 09:45	08/30/24 14:58	4
890-7067-2	WSW PASTURE 2	Solid	08/30/24 10:15	08/30/24 14:58	

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: ____________

Page ______ of ______

Project Manager:	Jared Stoffel	Bill to: (If different)	
Company Name:	TRC	Company Name:	
Address:	505 E. Huntland DR	Address:	
City, State ZIP:	#250 Austin, TX 78752	City, State ZIP:	
Phone:		Email:	JStoffel@TRCcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COP Azores Fed	Turn Around	
Project Number:	607457	☐ Routine	☑ Rush
Project Location:		Due Date:	8/31/24
Sampler's Name:	R. Rows	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	Timo ccp
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	5.6
Total Containers:		Corrected Temperature:	5.4

ANALYSIS REQUEST — Parameters: Cl | TPH | BTEX 8021

890-7067 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ (Comp)	# of Cont	Pres. Code	Cl	TPH	BTEX 8021	Sample Comments
ESW Pasture 3	Soil	8/30	9:45	4	✓	1		✓	✓	✓	
WSW Pasture 2	✓	✓	10:15	✓	✓	✓		✓	✓	✓	

Preservative Codes

None: NO — DI Water: H_2O
Cool — MeOH: Me
HC[illegible] — HNO_3
[illegible] H_2 — NaOH: Na
[illegible]: HP
[illegible] SO_4: NABIS
[illegible] O_3: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 [signature]	[signature]	12:58 8/30	2		
3 [signature]		14:58 8/30	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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9/4/2024

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-7067-1
SDG Number: 607457

Login Number: 7067
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-7067-1
SDG Number: 607457

Login Number: 7067
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 09/03/24 08:21 AM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/11/2024 3:05:21 PM

JOB DESCRIPTION

AZORES FED COM

JOB NUMBER

890-7077-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

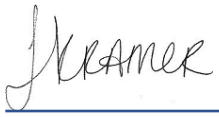
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
9/11/2024 3:05:21 PM

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

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Laboratory Job ID: 890-7077-1

Table of Contents

Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 890-7077-1
Project/Site: AZORES FED COM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high 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, 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.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project: AZORES FED COM

Job ID: 890-7077-1

Job ID: 890-7077-1 Eurofins Carlsbad

Job Narrative
890-7077-1

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

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

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

Receipt
The samples were received on 9/9/2024 4:21 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: F 1 (890-7077-1), F 2 (890-7077-2), F 3 (890-7077-3), F 4 (890-7077-4), F 5 (890-7077-5), F 6 (890-7077-6), F 7 (890-7077-7), F 8 (890-7077-8), F 9 (890-7077-9), F 10 (890-7077-10), F 11 (890-7077-11), F 12 (890-7077-12), F 13 (890-7077-13), F 14 (890-7077-14), F 15 (890-7077-15), F 16 (890-7077-16), F 17 (890-7077-17), F 18 (890-7077-18), F 19 (890-7077-19), F 20 (890-7077-20), F 21 (890-7077-21), F 22 (890-7077-22), F 23 (890-7077-23), F 24 (890-7077-24), F 25 (890-7077-25), F 26 (890-7077-26), F 27 (890-7077-27), F 28 (890-7077-28), F 29 (890-7077-29) and F 30 (890-7077-30).

GC VOA
Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-90441 and analytical batch 880-90481 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-90442 and analytical batch 880-90480 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: F 18 (890-7077-18). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-90416/2-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90431 and analytical batch 880-90484 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: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 1

Lab Sample ID: 890-7077-1
Matrix: Solid
Date Collected: 09/09/24 12:45
Date Received: 09/09/24 16:21
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		09/10/24 15:45	09/11/24 11:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:45	09/11/24 11:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:45	09/11/24 11:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/10/24 15:45	09/11/24 11:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:45	09/11/24 11:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/10/24 15:45	09/11/24 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/10/24 15:45*	*09/11/24 11:53*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*09/10/24 15:45*	*09/11/24 11:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/11/24 11:53	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			09/11/24 10:54	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 10:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 10:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 10:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*09/10/24 14:05*	*09/11/24 10:54*	*1*
o-Terphenyl	*86*		*70 - 130*	*09/10/24 14:05*	*09/11/24 10:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.7**		4.96		mg/Kg			09/11/24 10:18	1

Client Sample ID: F 2

Lab Sample ID: 890-7077-2
Matrix: Solid
Date Collected: 09/09/24 13:10
Date Received: 09/09/24 16:21
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		09/10/24 15:45	09/11/24 12:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:45	09/11/24 12:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:45	09/11/24 12:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/10/24 15:45	09/11/24 12:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:45	09/11/24 12:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/10/24 15:45	09/11/24 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/10/24 15:45*	*09/11/24 12:14*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 2

Lab Sample ID: 890-7077-2
Matrix: Solid
Date Collected: 09/09/24 13:10
Date Received: 09/09/24 16:21
Sample Depth: 2'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*09/10/24 15:45*	*09/11/24 12:14*	*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			09/11/24 12:14	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			09/11/24 11:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		09/10/24 14:05	09/11/24 11:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		09/10/24 14:05	09/11/24 11:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		09/10/24 14:05	09/11/24 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*106*		*70 - 130*	*09/10/24 14:05*	*09/11/24 11:43*	*1*
o-Terphenyl	*98*		*70 - 130*	*09/10/24 14:05*	*09/11/24 11:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.1**		4.96	mg/Kg			09/11/24 10:34	1

Client Sample ID: F 3

Lab Sample ID: 890-7077-3
Matrix: Solid
Date Collected: 09/09/24 13:15
Date Received: 09/09/24 16:21
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		09/10/24 15:45	09/11/24 12:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		09/10/24 15:45	09/11/24 12:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		09/10/24 15:45	09/11/24 12:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		09/10/24 15:45	09/11/24 12:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		09/10/24 15:45	09/11/24 12:34	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		09/10/24 15:45	09/11/24 12:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/10/24 15:45*	*09/11/24 12:34*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*09/10/24 15:45*	*09/11/24 12:34*	*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			09/11/24 12:34	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			09/11/24 12:00	1

Eurofins Carlsbad

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 3

Lab Sample ID: 890-7077-3
Matrix: Solid
Date Collected: 09/09/24 13:15
Date Received: 09/09/24 16:21
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		09/10/24 14:05	09/11/24 12:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/10/24 14:05	09/11/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/10/24 14:05	09/11/24 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*09/10/24 14:05*	*09/11/24 12:00*	*1*
o-Terphenyl	*86*		*70 - 130*	*09/10/24 14:05*	*09/11/24 12:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		4.98		mg/Kg			09/11/24 10:39	1

Client Sample ID: F 4

Lab Sample ID: 890-7077-4
Matrix: Solid
Date Collected: 09/09/24 13:20
Date Received: 09/09/24 16:21
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		09/10/24 15:45	09/11/24 12:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:45	09/11/24 12:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:45	09/11/24 12:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/10/24 15:45	09/11/24 12:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:45	09/11/24 12:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/10/24 15:45	09/11/24 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/10/24 15:45*	*09/11/24 12:55*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*09/10/24 15:45*	*09/11/24 12:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/11/24 12:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/11/24 12:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 12:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 12:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*09/10/24 14:05*	*09/11/24 12:16*	*1*
o-Terphenyl	*85*		*70 - 130*	*09/10/24 14:05*	*09/11/24 12:16*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 4

Lab Sample ID: 890-7077-4
Matrix: Solid
Date Collected: 09/09/24 13:20
Date Received: 09/09/24 16:21
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	370		5.05		mg/Kg			09/11/24 10:44	1

Client Sample ID: F 5

Lab Sample ID: 890-7077-5
Matrix: Solid
Date Collected: 09/09/24 13:25
Date Received: 09/09/24 16:21
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		09/10/24 15:45	09/11/24 13:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:45	09/11/24 13:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:45	09/11/24 13:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/10/24 15:45	09/11/24 13:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:45	09/11/24 13:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/10/24 15:45	09/11/24 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/10/24 15:45*	*09/11/24 13:15*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/10/24 15:45*	*09/11/24 13:15*	*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			09/11/24 13:15	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			09/11/24 12:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 12:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 12:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*09/10/24 14:05*	*09/11/24 12:33*	*1*
o-Terphenyl	*83*		*70 - 130*	*09/10/24 14:05*	*09/11/24 12:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		4.98		mg/Kg			09/11/24 10:50	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 6

Lab Sample ID: 890-7077-6
Matrix: Solid
Date Collected: 09/09/24 13:25
Date Received: 09/09/24 16:21
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		09/10/24 15:45	09/11/24 13:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:45	09/11/24 13:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:45	09/11/24 13:36	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/10/24 15:45	09/11/24 13:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:45	09/11/24 13:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/10/24 15:45	09/11/24 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/10/24 15:45*	*09/11/24 13:36*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*09/10/24 15:45*	*09/11/24 13:36*	*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			09/11/24 13:36	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			09/11/24 12:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/10/24 14:05	09/11/24 12:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/10/24 14:05	09/11/24 12:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/10/24 14:05	09/11/24 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*09/10/24 14:05*	*09/11/24 12:49*	*1*
o-Terphenyl	*86*		*70 - 130*	*09/10/24 14:05*	*09/11/24 12:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.4**		5.04		mg/Kg			09/11/24 11:06	1

Client Sample ID: F 7

Lab Sample ID: 890-7077-7
Matrix: Solid
Date Collected: 09/09/24 13:30
Date Received: 09/09/24 16:21
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		09/10/24 15:45	09/11/24 13:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:45	09/11/24 13:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:45	09/11/24 13:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/10/24 15:45	09/11/24 13:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:45	09/11/24 13:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/10/24 15:45	09/11/24 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/10/24 15:45*	*09/11/24 13:56*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 7

Lab Sample ID: 890-7077-7
Matrix: Solid
Date Collected: 09/09/24 13:30
Date Received: 09/09/24 16:21
Sample Depth: 2'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/10/24 15:45*	*09/11/24 13:56*	*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			09/11/24 13:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			09/11/24 13:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		09/10/24 14:05	09/11/24 13:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		09/10/24 14:05	09/11/24 13:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		09/10/24 14:05	09/11/24 13:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*89*		*70 - 130*	*09/10/24 14:05*	*09/11/24 13:06*	*1*
o-Terphenyl	*80*		*70 - 130*	*09/10/24 14:05*	*09/11/24 13:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**185**		4.96	mg/Kg			09/11/24 11:11	1

Client Sample ID: F 8

Lab Sample ID: 890-7077-8
Matrix: Solid
Date Collected: 09/09/24 13:35
Date Received: 09/09/24 16:21
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		09/10/24 15:45	09/11/24 14:16	1
Toluene	<0.00201	U	0.00201	mg/Kg		09/10/24 15:45	09/11/24 14:16	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		09/10/24 15:45	09/11/24 14:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		09/10/24 15:45	09/11/24 14:16	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		09/10/24 15:45	09/11/24 14:16	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		09/10/24 15:45	09/11/24 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/10/24 15:45*	*09/11/24 14:16*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*09/10/24 15:45*	*09/11/24 14:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			09/11/24 14:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			09/11/24 13:23	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 8

Lab Sample ID: 890-7077-8
Matrix: Solid
Date Collected: 09/09/24 13:35
Date Received: 09/09/24 16:21
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		09/10/24 14:05	09/11/24 13:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/10/24 14:05	09/11/24 13:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/10/24 14:05	09/11/24 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*09/10/24 14:05*	*09/11/24 13:23*	*1*
o-Terphenyl	*85*		*70 - 130*	*09/10/24 14:05*	*09/11/24 13:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**202**		5.05		mg/Kg			09/11/24 11:17	1

Client Sample ID: F 9

Lab Sample ID: 890-7077-9
Matrix: Solid
Date Collected: 09/09/24 13:40
Date Received: 09/09/24 16:21
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		09/10/24 15:45	09/11/24 14:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:45	09/11/24 14:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:45	09/11/24 14:37	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/10/24 15:45	09/11/24 14:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:45	09/11/24 14:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/10/24 15:45	09/11/24 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/10/24 15:45*	*09/11/24 14:37*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/10/24 15:45*	*09/11/24 14:37*	*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			09/11/24 14:37	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			09/11/24 13:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/10/24 14:05	09/11/24 13:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/10/24 14:05	09/11/24 13:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/10/24 14:05	09/11/24 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/10/24 14:05*	*09/11/24 13:39*	*1*
o-Terphenyl	*87*		*70 - 130*	*09/10/24 14:05*	*09/11/24 13:39*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 9

Lab Sample ID: 890-7077-9
Matrix: Solid
Date Collected: 09/09/24 13:40
Date Received: 09/09/24 16:21
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.1		4.97		mg/Kg			09/11/24 11:22	1

Client Sample ID: F 10

Lab Sample ID: 890-7077-10
Matrix: Solid
Date Collected: 09/09/24 13:45
Date Received: 09/09/24 16:21
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		09/10/24 15:45	09/11/24 14:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:45	09/11/24 14:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:45	09/11/24 14:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/10/24 15:45	09/11/24 14:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:45	09/11/24 14:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/10/24 15:45	09/11/24 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*09/10/24 15:45*	*09/11/24 14:57*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*09/10/24 15:45*	*09/11/24 14:57*	*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			09/11/24 14:57	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			09/11/24 13:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 13:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 13:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*09/10/24 14:05*	*09/11/24 13:56*	*1*
o-Terphenyl	*87*		*70 - 130*	*09/10/24 14:05*	*09/11/24 13:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		4.99		mg/Kg			09/11/24 11:28	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 11

Lab Sample ID: 890-7077-11
Matrix: Solid
Date Collected: 09/09/24 13:30
Date Received: 09/09/24 16:21
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		09/10/24 15:49	09/11/24 12:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:49	09/11/24 12:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:49	09/11/24 12:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/10/24 15:49	09/11/24 12:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:49	09/11/24 12:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/10/24 15:49	09/11/24 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*09/10/24 15:49*	*09/11/24 12:31*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*09/10/24 15:49*	*09/11/24 12:31*	*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			09/11/24 12:31	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			09/11/24 14:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 14:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 14:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*09/10/24 14:05*	*09/11/24 14:29*	*1*
o-Terphenyl	*82*		*70 - 130*	*09/10/24 14:05*	*09/11/24 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**222**		5.01		mg/Kg			09/11/24 10:25	1

Client Sample ID: F 12

Lab Sample ID: 890-7077-12
Matrix: Solid
Date Collected: 09/09/24 13:45
Date Received: 09/09/24 16:21
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		09/10/24 15:49	09/11/24 12:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:49	09/11/24 12:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:49	09/11/24 12:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/10/24 15:49	09/11/24 12:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:49	09/11/24 12:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/10/24 15:49	09/11/24 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*09/10/24 15:49*	*09/11/24 12:52*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 12

Lab Sample ID: 890-7077-12

Date Collected: 09/09/24 13:45
Matrix: Solid
Date Received: 09/09/24 16:21
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*	*09/10/24 15:49*	*09/11/24 12:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			09/11/24 12:52	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			09/11/24 14:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		09/10/24 14:05	09/11/24 14:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		09/10/24 14:05	09/11/24 14:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		09/10/24 14:05	09/11/24 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*09/10/24 14:05*	*09/11/24 14:46*	*1*
o-Terphenyl	*90*		*70 - 130*	*09/10/24 14:05*	*09/11/24 14:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**155**		4.99	mg/Kg			09/11/24 10:52	1

Client Sample ID: F 13

Lab Sample ID: 890-7077-13

Date Collected: 09/09/24 14:00
Matrix: Solid
Date Received: 09/09/24 16:21
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		09/10/24 15:49	09/11/24 13:12	1
Toluene	<0.00200	U	0.00200	mg/Kg		09/10/24 15:49	09/11/24 13:12	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		09/10/24 15:49	09/11/24 13:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		09/10/24 15:49	09/11/24 13:12	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		09/10/24 15:49	09/11/24 13:12	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		09/10/24 15:49	09/11/24 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*09/10/24 15:49*	*09/11/24 13:12*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*09/10/24 15:49*	*09/11/24 13:12*	*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			09/11/24 13:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			09/11/24 15:03	1

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 13

Lab Sample ID: 890-7077-13
Matrix: Solid
Date Collected: 09/09/24 14:00
Date Received: 09/09/24 16:21
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		09/10/24 14:05	09/11/24 15:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 15:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*09/10/24 14:05*	*09/11/24 15:03*	*1*
o-Terphenyl	*89*		*70 - 130*	*09/10/24 14:05*	*09/11/24 15:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**919**		4.96		mg/Kg			09/11/24 11:01	1

Client Sample ID: F 14

Lab Sample ID: 890-7077-14
Matrix: Solid
Date Collected: 09/09/24 14:05
Date Received: 09/09/24 16:21
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		09/10/24 15:49	09/11/24 13:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:49	09/11/24 13:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:49	09/11/24 13:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/10/24 15:49	09/11/24 13:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:49	09/11/24 13:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/10/24 15:49	09/11/24 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*09/10/24 15:49*	*09/11/24 13:32*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*09/10/24 15:49*	*09/11/24 13:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/11/24 13:32	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			09/11/24 15:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 15:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:05	09/11/24 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*09/10/24 14:05*	*09/11/24 15:19*	*1*
o-Terphenyl	*90*		*70 - 130*	*09/10/24 14:05*	*09/11/24 15:19*	*1*

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 14

Lab Sample ID: 890-7077-14
Matrix: Solid
Date Collected: 09/09/24 14:05
Date Received: 09/09/24 16:21
Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		5.05		mg/Kg			09/11/24 11:10	1

Client Sample ID: F 15

Lab Sample ID: 890-7077-15
Matrix: Solid
Date Collected: 09/09/24 14:20
Date Received: 09/09/24 16:21
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		09/10/24 15:49	09/11/24 13:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:49	09/11/24 13:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:49	09/11/24 13:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/10/24 15:49	09/11/24 13:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:49	09/11/24 13:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/10/24 15:49	09/11/24 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*09/10/24 15:49*	*09/11/24 13:53*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*09/10/24 15:49*	*09/11/24 13:53*	*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			09/11/24 13:53	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			09/11/24 15:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/10/24 14:05	09/11/24 15:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/10/24 14:05	09/11/24 15:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/10/24 14:05	09/11/24 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*09/10/24 14:05*	*09/11/24 15:36*	*1*
o-Terphenyl	*86*		*70 - 130*	*09/10/24 14:05*	*09/11/24 15:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		4.98		mg/Kg			09/11/24 11:18	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 16

Lab Sample ID: 890-7077-16
Matrix: Solid
Date Collected: 09/09/24 14:15
Date Received: 09/09/24 16:21
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		09/10/24 15:49	09/11/24 14:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:49	09/11/24 14:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:49	09/11/24 14:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/10/24 15:49	09/11/24 14:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:49	09/11/24 14:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/10/24 15:49	09/11/24 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*09/10/24 15:49*	*09/11/24 14:13*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*09/10/24 15:49*	*09/11/24 14:13*	*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			09/11/24 14:13	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			09/11/24 10:54	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/10/24 14:09	09/11/24 10:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/10/24 14:09	09/11/24 10:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/10/24 14:09	09/11/24 10:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*09/10/24 14:09*	*09/11/24 10:54*	*1*
o-Terphenyl	*105*		*70 - 130*	*09/10/24 14:09*	*09/11/24 10:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2260**		25.2		mg/Kg			09/11/24 11:45	5

Client Sample ID: F 17

Lab Sample ID: 890-7077-17
Matrix: Solid
Date Collected: 09/09/24 14:20
Date Received: 09/09/24 16:21
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		09/10/24 15:49	09/11/24 14:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:49	09/11/24 14:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:49	09/11/24 14:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/10/24 15:49	09/11/24 14:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:49	09/11/24 14:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/10/24 15:49	09/11/24 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/10/24 15:49*	*09/11/24 14:34*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 17

Lab Sample ID: 890-7077-17
Matrix: Solid
Date Collected: 09/09/24 14:20
Date Received: 09/09/24 16:21
Sample Depth: 4'

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*09/10/24 15:49*	*09/11/24 14:34*	*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			09/11/24 14:34	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			09/11/24 11:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		09/10/24 14:09	09/11/24 11:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		09/10/24 14:09	09/11/24 11:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		09/10/24 14:09	09/11/24 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*09/10/24 14:09*	*09/11/24 11:43*	*1*
o-Terphenyl	*105*		*70 - 130*	*09/10/24 14:09*	*09/11/24 11:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1350**		5.01	mg/Kg			09/11/24 11:54	1

Client Sample ID: F 18

Lab Sample ID: 890-7077-18
Matrix: Solid
Date Collected: 09/09/24 14:25
Date Received: 09/09/24 16:21
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		09/10/24 15:49	09/11/24 14:54	1
Toluene	<0.00201	U	0.00201	mg/Kg		09/10/24 15:49	09/11/24 14:54	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		09/10/24 15:49	09/11/24 14:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		09/10/24 15:49	09/11/24 14:54	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		09/10/24 15:49	09/11/24 14:54	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		09/10/24 15:49	09/11/24 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*09/10/24 15:49*	*09/11/24 14:54*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*09/10/24 15:49*	*09/11/24 14:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			09/11/24 14:54	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			09/11/24 12:00	1

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 18

Lab Sample ID: 890-7077-18
Matrix: Solid
Date Collected: 09/09/24 14:25
Date Received: 09/09/24 16:21
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		09/10/24 14:09	09/11/24 12:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/10/24 14:09	09/11/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/10/24 14:09	09/11/24 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*09/10/24 14:09*	*09/11/24 12:00*	*1*
o-Terphenyl	*104*		*70 - 130*	*09/10/24 14:09*	*09/11/24 12:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.9**		5.04		mg/Kg			09/11/24 12:03	1

Client Sample ID: F 19

Lab Sample ID: 890-7077-19
Matrix: Solid
Date Collected: 09/09/24 14:30
Date Received: 09/09/24 16:21
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		09/10/24 15:49	09/11/24 15:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:49	09/11/24 15:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:49	09/11/24 15:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/10/24 15:49	09/11/24 15:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:49	09/11/24 15:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/10/24 15:49	09/11/24 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*09/10/24 15:49*	*09/11/24 15:15*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*09/10/24 15:49*	*09/11/24 15:15*	*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			09/11/24 15:15	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			09/11/24 12:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 12:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 12:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*09/10/24 14:09*	*09/11/24 12:16*	*1*
o-Terphenyl	*100*		*70 - 130*	*09/10/24 14:09*	*09/11/24 12:16*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 19

Lab Sample ID: 890-7077-19
Matrix: Solid
Date Collected: 09/09/24 14:30
Date Received: 09/09/24 16:21
Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	688		5.01		mg/Kg			09/11/24 12:12	1

Client Sample ID: F 20

Lab Sample ID: 890-7077-20
Matrix: Solid
Date Collected: 09/09/24 14:35
Date Received: 09/09/24 16:21
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		09/10/24 15:49	09/11/24 15:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:49	09/11/24 15:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:49	09/11/24 15:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/10/24 15:49	09/11/24 15:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:49	09/11/24 15:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/10/24 15:49	09/11/24 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*09/10/24 15:49*	*09/11/24 15:35*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*09/10/24 15:49*	*09/11/24 15:35*	*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			09/11/24 15:35	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			09/11/24 12:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 12:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 12:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*09/10/24 14:09*	*09/11/24 12:33*	*1*
o-Terphenyl	*114*		*70 - 130*	*09/10/24 14:09*	*09/11/24 12:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	371		5.03		mg/Kg			09/11/24 12:20	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 21

Date Collected: 09/09/24 14:35
Date Received: 09/09/24 16:21
Sample Depth: 4'

Lab Sample ID: 890-7077-21
Matrix: Solid

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		09/10/24 15:48	09/11/24 11:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:48	09/11/24 11:55	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/10/24 15:48	09/11/24 11:55	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		09/10/24 15:48	09/11/24 11:55	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		09/10/24 15:48	09/11/24 11:55	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		09/10/24 15:48	09/11/24 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*09/10/24 15:48*	*09/11/24 11:55*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/10/24 15:48*	*09/11/24 11:55*	*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			09/11/24 11:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/11/24 12:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/10/24 14:09	09/11/24 12:49	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/10/24 14:09	09/11/24 12:49	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/10/24 14:09	09/11/24 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*09/10/24 14:09*	*09/11/24 12:49*	*1*
o-Terphenyl	*108*		*70 - 130*	*09/10/24 14:09*	*09/11/24 12:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.77**	**F2 F1**	4.95		mg/Kg			09/11/24 09:59	1

Client Sample ID: F 22

Date Collected: 09/09/24 14:35
Date Received: 09/09/24 16:21
Sample Depth: 4'

Lab Sample ID: 890-7077-22
Matrix: Solid

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		09/10/24 15:48	09/11/24 12:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:48	09/11/24 12:16	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		09/10/24 15:48	09/11/24 12:16	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		09/10/24 15:48	09/11/24 12:16	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		09/10/24 15:48	09/11/24 12:16	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		09/10/24 15:48	09/11/24 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/10/24 15:48*	*09/11/24 12:16*	*1*

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 22

Lab Sample ID: 890-7077-22

Date Collected: 09/09/24 14:35
Matrix: Solid
Date Received: 09/09/24 16:21
Sample Depth: 4'

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*09/10/24 15:48*	*09/11/24 12:16*	*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			09/11/24 12:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			09/11/24 13:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		09/10/24 14:09	09/11/24 13:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		09/10/24 14:09	09/11/24 13:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		09/10/24 14:09	09/11/24 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*09/10/24 14:09*	*09/11/24 13:06*	*1*
o-Terphenyl	*110*		*70 - 130*	*09/10/24 14:09*	*09/11/24 13:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2560**		24.8	mg/Kg			09/11/24 10:19	5

Client Sample ID: F 23

Lab Sample ID: 890-7077-23

Date Collected: 09/09/24 14:40
Matrix: Solid
Date Received: 09/09/24 16:21
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		09/10/24 15:48	09/11/24 12:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		09/10/24 15:48	09/11/24 12:36	1
Ethylbenzene	<0.00200	U *+	0.00200	mg/Kg		09/10/24 15:48	09/11/24 12:36	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399	mg/Kg		09/10/24 15:48	09/11/24 12:36	1
o-Xylene	<0.00200	U *+	0.00200	mg/Kg		09/10/24 15:48	09/11/24 12:36	1
Xylenes, Total	<0.00399	U *+	0.00399	mg/Kg		09/10/24 15:48	09/11/24 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*09/10/24 15:48*	*09/11/24 12:36*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/10/24 15:48*	*09/11/24 12:36*	*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			09/11/24 12:36	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			09/11/24 13:23	1

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 23

Lab Sample ID: 890-7077-23
Matrix: Solid
Date Collected: 09/09/24 14:40
Date Received: 09/09/24 16:21
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	<49.8	U	49.8		mg/Kg		09/10/24 14:09	09/11/24 13:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/10/24 14:09	09/11/24 13:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/10/24 14:09	09/11/24 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*09/10/24 14:09*	*09/11/24 13:23*	*1*
o-Terphenyl	*109*		*70 - 130*	*09/10/24 14:09*	*09/11/24 13:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1260**		24.8		mg/Kg			09/11/24 10:25	5

Client Sample ID: F 24

Lab Sample ID: 890-7077-24
Matrix: Solid
Date Collected: 09/09/24 14:45
Date Received: 09/09/24 16:21
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		09/10/24 15:48	09/11/24 12:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:48	09/11/24 12:57	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/10/24 15:48	09/11/24 12:57	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/10/24 15:48	09/11/24 12:57	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		09/10/24 15:48	09/11/24 12:57	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		09/10/24 15:48	09/11/24 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*09/10/24 15:48*	*09/11/24 12:57*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*09/10/24 15:48*	*09/11/24 12:57*	*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			09/11/24 12:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/11/24 13:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/10/24 14:09	09/11/24 13:39	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/10/24 14:09	09/11/24 13:39	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/10/24 14:09	09/11/24 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*09/10/24 14:09*	*09/11/24 13:39*	*1*
o-Terphenyl	*118*		*70 - 130*	*09/10/24 14:09*	*09/11/24 13:39*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 24

Lab Sample ID: 890-7077-24
Matrix: Solid
Date Collected: 09/09/24 14:45
Date Received: 09/09/24 16:21
Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1140		24.8		mg/Kg			09/11/24 10:32	5

Client Sample ID: F 25

Lab Sample ID: 890-7077-25
Matrix: Solid
Date Collected: 09/09/24 14:50
Date Received: 09/09/24 16:21
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		09/10/24 15:48	09/11/24 13:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/10/24 15:48	09/11/24 13:17	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		09/10/24 15:48	09/11/24 13:17	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		09/10/24 15:48	09/11/24 13:17	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		09/10/24 15:48	09/11/24 13:17	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		09/10/24 15:48	09/11/24 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*09/10/24 15:48*	*09/11/24 13:17*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/10/24 15:48*	*09/11/24 13:17*	*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			09/11/24 13:17	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/11/24 13:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 13:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 13:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*09/10/24 14:09*	*09/11/24 13:56*	*1*
o-Terphenyl	*114*		*70 - 130*	*09/10/24 14:09*	*09/11/24 13:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	976		24.9		mg/Kg			09/11/24 10:38	5

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 26

Lab Sample ID: 890-7077-26
Matrix: Solid
Date Collected: 09/09/24 14:55
Date Received: 09/09/24 16:21
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		09/10/24 15:48	09/11/24 13:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:48	09/11/24 13:38	1
Ethylbenzene	<0.00202	U *+	0.00202		mg/Kg		09/10/24 15:48	09/11/24 13:38	1
m-Xylene & p-Xylene	<0.00404	U *+	0.00404		mg/Kg		09/10/24 15:48	09/11/24 13:38	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		09/10/24 15:48	09/11/24 13:38	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		09/10/24 15:48	09/11/24 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/10/24 15:48*	*09/11/24 13:38*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*09/10/24 15:48*	*09/11/24 13:38*	*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			09/11/24 13:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/11/24 14:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/10/24 14:09	09/11/24 14:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/10/24 14:09	09/11/24 14:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/10/24 14:09	09/11/24 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*09/10/24 14:09*	*09/11/24 14:29*	*1*
o-Terphenyl	*107*		*70 - 130*	*09/10/24 14:09*	*09/11/24 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2790**		24.8		mg/Kg			09/11/24 10:57	5

Client Sample ID: F 27

Lab Sample ID: 890-7077-27
Matrix: Solid
Date Collected: 09/09/24 15:00
Date Received: 09/09/24 16:21
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		09/10/24 15:48	09/11/24 13:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/10/24 15:48	09/11/24 13:59	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/10/24 15:48	09/11/24 13:59	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/10/24 15:48	09/11/24 13:59	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		09/10/24 15:48	09/11/24 13:59	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		09/10/24 15:48	09/11/24 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/10/24 15:48*	*09/11/24 13:59*	*1*

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 27

Lab Sample ID: 890-7077-27
Matrix: Solid
Date Collected: 09/09/24 15:00
Date Received: 09/09/24 16:21
Sample Depth: 4'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*09/10/24 15:48*	*09/11/24 13:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			09/11/24 13:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			09/11/24 14:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		09/10/24 14:09	09/11/24 14:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		09/10/24 14:09	09/11/24 14:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		09/10/24 14:09	09/11/24 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*125*		*70 - 130*	*09/10/24 14:09*	*09/11/24 14:46*	*1*
o-Terphenyl	*124*		*70 - 130*	*09/10/24 14:09*	*09/11/24 14:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**209**		5.05	mg/Kg			09/11/24 11:04	1

Client Sample ID: F 28

Lab Sample ID: 890-7077-28
Matrix: Solid
Date Collected: 09/09/24 15:05
Date Received: 09/09/24 16:21
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		09/10/24 15:48	09/11/24 14:19	1
Toluene	<0.00201	U	0.00201	mg/Kg		09/10/24 15:48	09/11/24 14:19	1
Ethylbenzene	<0.00201	U *+	0.00201	mg/Kg		09/10/24 15:48	09/11/24 14:19	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402	mg/Kg		09/10/24 15:48	09/11/24 14:19	1
o-Xylene	<0.00201	U *+	0.00201	mg/Kg		09/10/24 15:48	09/11/24 14:19	1
Xylenes, Total	<0.00402	U *+	0.00402	mg/Kg		09/10/24 15:48	09/11/24 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*09/10/24 15:48*	*09/11/24 14:19*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*09/10/24 15:48*	*09/11/24 14:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			09/11/24 14:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			09/11/24 15:03	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 28

Lab Sample ID: 890-7077-28
Matrix: Solid
Date Collected: 09/09/24 15:05
Date Received: 09/09/24 16:21
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		09/10/24 14:09	09/11/24 15:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 15:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*09/10/24 14:09*	*09/11/24 15:03*	*1*
o-Terphenyl	*106*		*70 - 130*	*09/10/24 14:09*	*09/11/24 15:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.40**		5.01		mg/Kg			09/11/24 11:10	1

Client Sample ID: F 29

Lab Sample ID: 890-7077-29
Matrix: Solid
Date Collected: 09/09/24 15:10
Date Received: 09/09/24 16:21
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		09/10/24 15:48	09/11/24 14:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/10/24 15:48	09/11/24 14:40	1
Ethylbenzene	<0.00202	U *+	0.00202		mg/Kg		09/10/24 15:48	09/11/24 14:40	1
m-Xylene & p-Xylene	<0.00404	U *+	0.00404		mg/Kg		09/10/24 15:48	09/11/24 14:40	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		09/10/24 15:48	09/11/24 14:40	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		09/10/24 15:48	09/11/24 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*09/10/24 15:48*	*09/11/24 14:40*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/10/24 15:48*	*09/11/24 14:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/11/24 14:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/11/24 15:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 15:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*09/10/24 14:09*	*09/11/24 15:19*	*1*
o-Terphenyl	*98*		*70 - 130*	*09/10/24 14:09*	*09/11/24 15:19*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 29

Lab Sample ID: 890-7077-29
Matrix: Solid
Date Collected: 09/09/24 15:10
Date Received: 09/09/24 16:21
Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.49		5.05		mg/Kg			09/11/24 11:17	1

Client Sample ID: F 30

Lab Sample ID: 890-7077-30
Matrix: Solid
Date Collected: 09/09/24 15:15
Date Received: 09/09/24 16:21
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		09/10/24 15:48	09/11/24 15:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:48	09/11/24 15:00	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/10/24 15:48	09/11/24 15:00	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		09/10/24 15:48	09/11/24 15:00	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		09/10/24 15:48	09/11/24 15:00	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		09/10/24 15:48	09/11/24 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*09/10/24 15:48*	*09/11/24 15:00*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/10/24 15:48*	*09/11/24 15:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/11/24 15:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/11/24 15:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/10/24 14:09	09/11/24 15:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/10/24 14:09	09/11/24 15:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/10/24 14:09	09/11/24 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*09/10/24 14:09*	*09/11/24 15:36*	*1*
o-Terphenyl	*103*		*70 - 130*	*09/10/24 14:09*	*09/11/24 15:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		4.96		mg/Kg			09/11/24 11:23	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
890-7077-1	F 1	103	100										
890-7077-1 MS	F 1	101	99										
890-7077-1 MSD	F 1	100	98										
890-7077-2	F 2	101	100										
890-7077-3	F 3	105	102										
890-7077-4	F 4	104	100										
890-7077-5	F 5	104	99										
890-7077-6	F 6	105	102										
890-7077-7	F 7	104	98										
890-7077-8	F 8	102	100										
890-7077-9	F 9	104	99										
890-7077-10	F 10	100	102										
890-7077-11	F 11	92	105										
890-7077-11 MS	F 11	106	104										
890-7077-11 MSD	F 11	121	97										
890-7077-12	F 12	115	107										
890-7077-13	F 13	122	107										
890-7077-14	F 14	113	109										
890-7077-15	F 15	120	113										
890-7077-16	F 16	114	107										
890-7077-17	F 17	125	108										
890-7077-18	F 18	132 S1+	113										
890-7077-19	F 19	129	110										
890-7077-20	F 20	129	113										
890-7077-21	F 21	76	91										
890-7077-21 MS	F 21	103	104										
890-7077-21 MSD	F 21	105	107										
890-7077-22	F 22	87	82										
890-7077-23	F 23	84	94										
890-7077-24	F 24	90	81										
890-7077-25	F 25	79	88										
890-7077-26	F 26	82	93										
890-7077-27	F 27	82	93										
890-7077-28	F 28	93	83										
890-7077-29	F 29	84	96										
890-7077-30	F 30	92	87										
LCS 880-90440/1-A	Lab Control Sample	100	100										
LCS 880-90441/1-A	Lab Control Sample	103	106										
LCS 880-90442/1-A	Lab Control Sample	114	107										
LCSD 880-90440/2-A	Lab Control Sample Dup	103	101										
LCSD 880-90441/2-A	Lab Control Sample Dup	115	112										
LCSD 880-90442/2-A	Lab Control Sample Dup	114	100										
MB 880-90440/5-A	Method Blank	100	96										
MB 880-90441/5-A	Method Blank	73	97										
MB 880-90442/5-A	Method Blank	151 S1+	95										

Surrogate Legend

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

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 890-7077-1
Project/Site: AZORES FED COM

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-7077-1	F 1	92	86								
890-7077-1 MS	F 1	88	90								
890-7077-1 MSD	F 1	89	88								
890-7077-2	F 2	106	98								
890-7077-3	F 3	89	86								
890-7077-4	F 4	92	85								
890-7077-5	F 5	86	83								
890-7077-6	F 6	95	86								
890-7077-7	F 7	89	80								
890-7077-8	F 8	91	85								
890-7077-9	F 9	96	87								
890-7077-10	F 10	94	87								
890-7077-11	F 11	88	82								
890-7077-12	F 12	101	90								
890-7077-13	F 13	98	89								
890-7077-14	F 14	98	90								
890-7077-15	F 15	86	86								
890-7077-16	F 16	104	105								
890-7077-16 MS	F 16	98	106								
890-7077-16 MSD	F 16	94	103								
890-7077-17	F 17	105	105								
890-7077-18	F 18	103	104								
890-7077-19	F 19	99	100								
890-7077-20	F 20	115	114								
890-7077-21	F 21	107	108								
890-7077-22	F 22	110	110								
890-7077-23	F 23	110	109								
890-7077-24	F 24	119	118								
890-7077-25	F 25	113	114								
890-7077-26	F 26	107	107								
890-7077-27	F 27	125	124								
890-7077-28	F 28	107	106								
890-7077-29	F 29	100	98								
890-7077-30	F 30	105	103								
LCS 880-90411/2-A	Lab Control Sample	102	106								
LCS 880-90416/2-A	Lab Control Sample	115	131 S1+								
LCSD 880-90411/3-A	Lab Control Sample Dup	102	105								
LCSD 880-90416/3-A	Lab Control Sample Dup	114	130								
MB 880-90411/1-A	Method Blank	125	115								
MB 880-90416/1-A	Method Blank	120	124								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-90440/5-A
Matrix: Solid
Analysis Batch: 90476

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90440

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:45	09/11/24 11:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:45	09/11/24 11:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:45	09/11/24 11:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/10/24 15:45	09/11/24 11:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:45	09/11/24 11:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/10/24 15:45	09/11/24 11:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*09/10/24 15:45*	*09/11/24 11:32*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/10/24 15:45*	*09/11/24 11:32*	*1*

Lab Sample ID: LCS 880-90440/1-A
Matrix: Solid
Analysis Batch: 90476

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90440

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09901		mg/Kg		99	70 - 130		
Toluene			0.100	0.09461		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.09454		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene			0.200	0.1985		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.09887		mg/Kg		99	70 - 130		

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

Lab Sample ID: LCSD 880-90440/2-A
Matrix: Solid
Analysis Batch: 90476

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90440

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1006		mg/Kg		101	70 - 130	2	35
Toluene			0.100	0.09549		mg/Kg		95	70 - 130	1	35
Ethylbenzene			0.100	0.09521		mg/Kg		95	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2012		mg/Kg		101	70 - 130	1	35
o-Xylene			0.100	0.1004		mg/Kg		100	70 - 130	2	35

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

Lab Sample ID: 890-7077-1 MS
Matrix: Solid
Analysis Batch: 90476

Client Sample ID: F 1
Prep Type: Total/NA
Prep Batch: 90440

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09669		mg/Kg		97	70 - 130		
Toluene	<0.00200	U	0.100	0.09134		mg/Kg		91	70 - 130		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

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

Lab Sample ID: 890-7077-1 MS
Matrix: Solid
Analysis Batch: 90476

Client Sample ID: F 1
Prep Type: Total/NA
Prep Batch: 90440

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09168		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1948		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.100	0.09758		mg/Kg		98	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-7077-1 MSD
Matrix: Solid
Analysis Batch: 90476

Client Sample ID: F 1
Prep Type: Total/NA
Prep Batch: 90440

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09656		mg/Kg		97	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09220		mg/Kg		92	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.09123		mg/Kg		91	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1929		mg/Kg		96	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09664		mg/Kg		97	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 880-90441/5-A
Matrix: Solid
Analysis Batch: 90481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90441

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:48	09/11/24 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:48	09/11/24 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:48	09/11/24 11:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/10/24 15:48	09/11/24 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:48	09/11/24 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/10/24 15:48	09/11/24 11:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*70 - 130*	*09/10/24 15:48*	*09/11/24 11:33*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/10/24 15:48*	*09/11/24 11:33*	*1*

Lab Sample ID: LCS 880-90441/1-A
Matrix: Solid
Analysis Batch: 90481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1246		mg/Kg		125	70 - 130
Toluene	0.100	0.1131		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1121		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2517		mg/Kg		126	70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

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

Lab Sample ID: LCS 880-90441/1-A
Matrix: Solid
Analysis Batch: 90481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90441

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1220		mg/Kg		122	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-90441/2-A
Matrix: Solid
Analysis Batch: 90481

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90441

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1269		mg/Kg		127	70 - 130	2	35
Toluene			0.100	0.1139		mg/Kg		114	70 - 130	1	35
Ethylbenzene			0.100	0.1392	*+	mg/Kg		139	70 - 130	22	35
m-Xylene & p-Xylene			0.200	0.2742	*+	mg/Kg		137	70 - 130	9	35
o-Xylene			0.100	0.1336	*+	mg/Kg		134	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: 890-7077-21 MS
Matrix: Solid
Analysis Batch: 90481

Client Sample ID: F 21
Prep Type: Total/NA
Prep Batch: 90441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1016		mg/Kg		102	70 - 130		
Toluene	<0.00200	U	0.100	0.09248		mg/Kg		92	70 - 130		
Ethylbenzene	<0.00200	U *+	0.100	0.1103		mg/Kg		110	70 - 130		
m-Xylene & p-Xylene	<0.00399	U *+	0.200	0.2110		mg/Kg		106	70 - 130		
o-Xylene	<0.00200	U *+	0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 890-7077-21 MSD
Matrix: Solid
Analysis Batch: 90481

Client Sample ID: F 21
Prep Type: Total/NA
Prep Batch: 90441

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1054		mg/Kg		105	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.09428		mg/Kg		94	70 - 130	2	35
Ethylbenzene	<0.00200	U *+	0.100	0.09158		mg/Kg		92	70 - 130	19	35
m-Xylene & p-Xylene	<0.00399	U *+	0.200	0.2211		mg/Kg		111	70 - 130	5	35
o-Xylene	<0.00200	U *+	0.100	0.1075		mg/Kg		107	70 - 130	5	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

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

Lab Sample ID: 890-7077-21 MSD
Matrix: Solid
Analysis Batch: 90481

Client Sample ID: F 21
Prep Type: Total/NA
Prep Batch: 90441

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: MB 880-90442/5-A
Matrix: Solid
Analysis Batch: 90480

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90442

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:49	09/11/24 12:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:49	09/11/24 12:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:49	09/11/24 12:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/10/24 15:49	09/11/24 12:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/10/24 15:49	09/11/24 12:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/10/24 15:49	09/11/24 12:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*09/10/24 15:49*	*09/11/24 12:02*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/10/24 15:49*	*09/11/24 12:02*	*1*

Lab Sample ID: LCS 880-90442/1-A
Matrix: Solid
Analysis Batch: 90480

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90442

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1066		mg/Kg		107	70 - 130		
Toluene			0.100	0.09274		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.1162		mg/Kg		116	70 - 130		
m-Xylene & p-Xylene			0.200	0.2516		mg/Kg		126	70 - 130		
o-Xylene			0.100	0.1143		mg/Kg		114	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-90442/2-A
Matrix: Solid
Analysis Batch: 90480

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90442

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1057		mg/Kg		106	70 - 130	1	35
Toluene			0.100	0.09611		mg/Kg		96	70 - 130	4	35
Ethylbenzene			0.100	0.1011		mg/Kg		101	70 - 130	14	35
m-Xylene & p-Xylene			0.200	0.2319		mg/Kg		116	70 - 130	8	35
o-Xylene			0.100	0.1092		mg/Kg		109	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

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

Lab Sample ID: LCSD 880-90442/2-A
Matrix: Solid
Analysis Batch: 90480

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90442

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

Lab Sample ID: 890-7077-11 MS
Matrix: Solid
Analysis Batch: 90480

Client Sample ID: F 11
Prep Type: Total/NA
Prep Batch: 90442

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1013		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.100	0.08926		mg/Kg		89	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09095		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1984		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.100	0.1019		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 890-7077-11 MSD
Matrix: Solid
Analysis Batch: 90480

Client Sample ID: F 11
Prep Type: Total/NA
Prep Batch: 90442

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1006		mg/Kg		101	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.08979		mg/Kg		90	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.1039		mg/Kg		104	70 - 130	13	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2145		mg/Kg		107	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.1094		mg/Kg		109	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

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

Lab Sample ID: MB 880-90411/1-A
Matrix: Solid
Analysis Batch: 90472

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90411

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		09/10/24 14:05	09/11/24 08:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		09/10/24 14:05	09/11/24 08:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		09/10/24 14:05	09/11/24 08:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*125*		*70 - 130*	*09/10/24 14:05*	*09/11/24 08:44*	*1*
o-Terphenyl	*115*		*70 - 130*	*09/10/24 14:05*	*09/11/24 08:44*	*1*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

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

Lab Sample ID: LCS 880-90411/2-A
Matrix: Solid
Analysis Batch: 90472

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90411

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1094		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1055		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Lab Sample ID: LCSD 880-90411/3-A
Matrix: Solid
Analysis Batch: 90472

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90411

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1098		mg/Kg		110	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1058		mg/Kg		106	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*105*		*70 - 130*

Lab Sample ID: 890-7077-1 MS
Matrix: Solid
Analysis Batch: 90472

Client Sample ID: F 1
Prep Type: Total/NA
Prep Batch: 90411

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	1023		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	884.6		mg/Kg		89	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*88*		*70 - 130*
o-Terphenyl	*90*		*70 - 130*

Lab Sample ID: 890-7077-1 MSD
Matrix: Solid
Analysis Batch: 90472

Client Sample ID: F 1
Prep Type: Total/NA
Prep Batch: 90411

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	998	1076		mg/Kg		108	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	888.2		mg/Kg		89	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*89*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

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

Lab Sample ID: 890-7077-1 MSD
Matrix: Solid
Analysis Batch: 90472

Client Sample ID: F 1
Prep Type: Total/NA
Prep Batch: 90411

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	88		70 - 130

Lab Sample ID: MB 880-90416/1-A
Matrix: Solid
Analysis Batch: 90474

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90416

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		09/10/24 14:09	09/11/24 08:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 08:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/24 14:09	09/11/24 08:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130	09/10/24 14:09	09/11/24 08:44	1
o-Terphenyl	124		70 - 130	09/10/24 14:09	09/11/24 08:44	1

Lab Sample ID: LCS 880-90416/2-A
Matrix: Solid
Analysis Batch: 90474

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90416

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1133		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1227		mg/Kg		123	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	131	S1+	70 - 130

Lab Sample ID: LCSD 880-90416/3-A
Matrix: Solid
Analysis Batch: 90474

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90416

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1140		mg/Kg		114	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1225		mg/Kg		122	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	130		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

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

Lab Sample ID: 890-7077-16 MS
Matrix: Solid
Analysis Batch: 90474

Client Sample ID: F 16
Prep Type: Total/NA
Prep Batch: 90416

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1045		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1023		mg/Kg		102	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*98*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Lab Sample ID: 890-7077-16 MSD
Matrix: Solid
Analysis Batch: 90474

Client Sample ID: F 16
Prep Type: Total/NA
Prep Batch: 90416

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	998.9		mg/Kg		100	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	987.0		mg/Kg		99	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*103*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-90428/1-A
Matrix: Solid
Analysis Batch: 90483

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			09/11/24 10:01	1

Lab Sample ID: LCS 880-90428/2-A
Matrix: Solid
Analysis Batch: 90483

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	249.2		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-90428/3-A
Matrix: Solid
Analysis Batch: 90483

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	247.1		mg/Kg		99	90 - 110	1	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-7077-1 MS — **Client Sample ID: F 1**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90483

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	19.7		248	269.5		mg/Kg		101	90 - 110

Lab Sample ID: 890-7077-1 MSD — **Client Sample ID: F 1**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90483

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	19.7		248	267.1		mg/Kg		100	90 - 110	1	20

Lab Sample ID: MB 880-90431/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90484

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/11/24 09:40	1

Lab Sample ID: LCS 880-90431/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90484

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	230.3		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-90431/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90484

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	229.5		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 890-7077-21 MS — **Client Sample ID: F 21**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90484

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.77	F2 F1	248	182.6	F1	mg/Kg		71	90 - 110

Lab Sample ID: 890-7077-21 MSD — **Client Sample ID: F 21**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90484

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.77	F2 F1	248	236.9	F2	mg/Kg		93	90 - 110	26	20

Lab Sample ID: MB 880-90429/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 90485

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/11/24 09:59	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-90429/2-A
Matrix: Solid
Analysis Batch: 90485

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	241.8		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-90429/3-A
Matrix: Solid
Analysis Batch: 90485

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	242.1		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-7077-11 MS
Matrix: Solid
Analysis Batch: 90485

Client Sample ID: F 11
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	222		251	450.5		mg/Kg		91	90 - 110		

Lab Sample ID: 890-7077-11 MSD
Matrix: Solid
Analysis Batch: 90485

Client Sample ID: F 11
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	222		251	451.6		mg/Kg		92	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

GC VOA

Prep Batch: 90440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-1	F 1	Total/NA	Solid	5035	
890-7077-2	F 2	Total/NA	Solid	5035	
890-7077-3	F 3	Total/NA	Solid	5035	
890-7077-4	F 4	Total/NA	Solid	5035	
890-7077-5	F 5	Total/NA	Solid	5035	
890-7077-6	F 6	Total/NA	Solid	5035	
890-7077-7	F 7	Total/NA	Solid	5035	
890-7077-8	F 8	Total/NA	Solid	5035	
890-7077-9	F 9	Total/NA	Solid	5035	
890-7077-10	F 10	Total/NA	Solid	5035	
MB 880-90440/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90440/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90440/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7077-1 MS	F 1	Total/NA	Solid	5035	
890-7077-1 MSD	F 1	Total/NA	Solid	5035	

Prep Batch: 90441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-21	F 21	Total/NA	Solid	5035	
890-7077-22	F 22	Total/NA	Solid	5035	
890-7077-23	F 23	Total/NA	Solid	5035	
890-7077-24	F 24	Total/NA	Solid	5035	
890-7077-25	F 25	Total/NA	Solid	5035	
890-7077-26	F 26	Total/NA	Solid	5035	
890-7077-27	F 27	Total/NA	Solid	5035	
890-7077-28	F 28	Total/NA	Solid	5035	
890-7077-29	F 29	Total/NA	Solid	5035	
890-7077-30	F 30	Total/NA	Solid	5035	
MB 880-90441/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90441/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90441/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7077-21 MS	F 21	Total/NA	Solid	5035	
890-7077-21 MSD	F 21	Total/NA	Solid	5035	

Prep Batch: 90442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-11	F 11	Total/NA	Solid	5035	
890-7077-12	F 12	Total/NA	Solid	5035	
890-7077-13	F 13	Total/NA	Solid	5035	
890-7077-14	F 14	Total/NA	Solid	5035	
890-7077-15	F 15	Total/NA	Solid	5035	
890-7077-16	F 16	Total/NA	Solid	5035	
890-7077-17	F 17	Total/NA	Solid	5035	
890-7077-18	F 18	Total/NA	Solid	5035	
890-7077-19	F 19	Total/NA	Solid	5035	
890-7077-20	F 20	Total/NA	Solid	5035	
MB 880-90442/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90442/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90442/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7077-11 MS	F 11	Total/NA	Solid	5035	
890-7077-11 MSD	F 11	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

GC VOA

Analysis Batch: 90476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-1	F 1	Total/NA	Solid	8021B	90440
890-7077-2	F 2	Total/NA	Solid	8021B	90440
890-7077-3	F 3	Total/NA	Solid	8021B	90440
890-7077-4	F 4	Total/NA	Solid	8021B	90440
890-7077-5	F 5	Total/NA	Solid	8021B	90440
890-7077-6	F 6	Total/NA	Solid	8021B	90440
890-7077-7	F 7	Total/NA	Solid	8021B	90440
890-7077-8	F 8	Total/NA	Solid	8021B	90440
890-7077-9	F 9	Total/NA	Solid	8021B	90440
890-7077-10	F 10	Total/NA	Solid	8021B	90440
MB 880-90440/5-A	Method Blank	Total/NA	Solid	8021B	90440
LCS 880-90440/1-A	Lab Control Sample	Total/NA	Solid	8021B	90440
LCSD 880-90440/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90440
890-7077-1 MS	F 1	Total/NA	Solid	8021B	90440
890-7077-1 MSD	F 1	Total/NA	Solid	8021B	90440

Analysis Batch: 90480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-11	F 11	Total/NA	Solid	8021B	90442
890-7077-12	F 12	Total/NA	Solid	8021B	90442
890-7077-13	F 13	Total/NA	Solid	8021B	90442
890-7077-14	F 14	Total/NA	Solid	8021B	90442
890-7077-15	F 15	Total/NA	Solid	8021B	90442
890-7077-16	F 16	Total/NA	Solid	8021B	90442
890-7077-17	F 17	Total/NA	Solid	8021B	90442
890-7077-18	F 18	Total/NA	Solid	8021B	90442
890-7077-19	F 19	Total/NA	Solid	8021B	90442
890-7077-20	F 20	Total/NA	Solid	8021B	90442
MB 880-90442/5-A	Method Blank	Total/NA	Solid	8021B	90442
LCS 880-90442/1-A	Lab Control Sample	Total/NA	Solid	8021B	90442
LCSD 880-90442/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90442
890-7077-11 MS	F 11	Total/NA	Solid	8021B	90442
890-7077-11 MSD	F 11	Total/NA	Solid	8021B	90442

Analysis Batch: 90481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-21	F 21	Total/NA	Solid	8021B	90441
890-7077-22	F 22	Total/NA	Solid	8021B	90441
890-7077-23	F 23	Total/NA	Solid	8021B	90441
890-7077-24	F 24	Total/NA	Solid	8021B	90441
890-7077-25	F 25	Total/NA	Solid	8021B	90441
890-7077-26	F 26	Total/NA	Solid	8021B	90441
890-7077-27	F 27	Total/NA	Solid	8021B	90441
890-7077-28	F 28	Total/NA	Solid	8021B	90441
890-7077-29	F 29	Total/NA	Solid	8021B	90441
890-7077-30	F 30	Total/NA	Solid	8021B	90441
MB 880-90441/5-A	Method Blank	Total/NA	Solid	8021B	90441
LCS 880-90441/1-A	Lab Control Sample	Total/NA	Solid	8021B	90441
LCSD 880-90441/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90441
890-7077-21 MS	F 21	Total/NA	Solid	8021B	90441
890-7077-21 MSD	F 21	Total/NA	Solid	8021B	90441

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

GC VOA

Analysis Batch: 90536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-1	F 1	Total/NA	Solid	Total BTEX	
890-7077-2	F 2	Total/NA	Solid	Total BTEX	
890-7077-3	F 3	Total/NA	Solid	Total BTEX	
890-7077-4	F 4	Total/NA	Solid	Total BTEX	
890-7077-5	F 5	Total/NA	Solid	Total BTEX	
890-7077-6	F 6	Total/NA	Solid	Total BTEX	
890-7077-7	F 7	Total/NA	Solid	Total BTEX	
890-7077-8	F 8	Total/NA	Solid	Total BTEX	
890-7077-9	F 9	Total/NA	Solid	Total BTEX	
890-7077-10	F 10	Total/NA	Solid	Total BTEX	
890-7077-11	F 11	Total/NA	Solid	Total BTEX	
890-7077-12	F 12	Total/NA	Solid	Total BTEX	
890-7077-13	F 13	Total/NA	Solid	Total BTEX	
890-7077-14	F 14	Total/NA	Solid	Total BTEX	
890-7077-15	F 15	Total/NA	Solid	Total BTEX	
890-7077-16	F 16	Total/NA	Solid	Total BTEX	
890-7077-17	F 17	Total/NA	Solid	Total BTEX	
890-7077-18	F 18	Total/NA	Solid	Total BTEX	
890-7077-19	F 19	Total/NA	Solid	Total BTEX	
890-7077-20	F 20	Total/NA	Solid	Total BTEX	
890-7077-21	F 21	Total/NA	Solid	Total BTEX	
890-7077-22	F 22	Total/NA	Solid	Total BTEX	
890-7077-23	F 23	Total/NA	Solid	Total BTEX	
890-7077-24	F 24	Total/NA	Solid	Total BTEX	
890-7077-25	F 25	Total/NA	Solid	Total BTEX	
890-7077-26	F 26	Total/NA	Solid	Total BTEX	
890-7077-27	F 27	Total/NA	Solid	Total BTEX	
890-7077-28	F 28	Total/NA	Solid	Total BTEX	
890-7077-29	F 29	Total/NA	Solid	Total BTEX	
890-7077-30	F 30	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 90411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-1	F 1	Total/NA	Solid	8015NM Prep	
890-7077-2	F 2	Total/NA	Solid	8015NM Prep	
890-7077-3	F 3	Total/NA	Solid	8015NM Prep	
890-7077-4	F 4	Total/NA	Solid	8015NM Prep	
890-7077-5	F 5	Total/NA	Solid	8015NM Prep	
890-7077-6	F 6	Total/NA	Solid	8015NM Prep	
890-7077-7	F 7	Total/NA	Solid	8015NM Prep	
890-7077-8	F 8	Total/NA	Solid	8015NM Prep	
890-7077-9	F 9	Total/NA	Solid	8015NM Prep	
890-7077-10	F 10	Total/NA	Solid	8015NM Prep	
890-7077-11	F 11	Total/NA	Solid	8015NM Prep	
890-7077-12	F 12	Total/NA	Solid	8015NM Prep	
890-7077-13	F 13	Total/NA	Solid	8015NM Prep	
890-7077-14	F 14	Total/NA	Solid	8015NM Prep	
890-7077-15	F 15	Total/NA	Solid	8015NM Prep	
MB 880-90411/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

GC Semi VOA (Continued)

Prep Batch: 90411 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-90411/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90411/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7077-1 MS	F 1	Total/NA	Solid	8015NM Prep	
890-7077-1 MSD	F 1	Total/NA	Solid	8015NM Prep	

Prep Batch: 90416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-16	F 16	Total/NA	Solid	8015NM Prep	
890-7077-17	F 17	Total/NA	Solid	8015NM Prep	
890-7077-18	F 18	Total/NA	Solid	8015NM Prep	
890-7077-19	F 19	Total/NA	Solid	8015NM Prep	
890-7077-20	F 20	Total/NA	Solid	8015NM Prep	
890-7077-21	F 21	Total/NA	Solid	8015NM Prep	
890-7077-22	F 22	Total/NA	Solid	8015NM Prep	
890-7077-23	F 23	Total/NA	Solid	8015NM Prep	
890-7077-24	F 24	Total/NA	Solid	8015NM Prep	
890-7077-25	F 25	Total/NA	Solid	8015NM Prep	
890-7077-26	F 26	Total/NA	Solid	8015NM Prep	
890-7077-27	F 27	Total/NA	Solid	8015NM Prep	
890-7077-28	F 28	Total/NA	Solid	8015NM Prep	
890-7077-29	F 29	Total/NA	Solid	8015NM Prep	
890-7077-30	F 30	Total/NA	Solid	8015NM Prep	
MB 880-90416/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90416/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90416/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7077-16 MS	F 16	Total/NA	Solid	8015NM Prep	
890-7077-16 MSD	F 16	Total/NA	Solid	8015NM Prep	

Analysis Batch: 90472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-1	F 1	Total/NA	Solid	8015B NM	90411
890-7077-2	F 2	Total/NA	Solid	8015B NM	90411
890-7077-3	F 3	Total/NA	Solid	8015B NM	90411
890-7077-4	F 4	Total/NA	Solid	8015B NM	90411
890-7077-5	F 5	Total/NA	Solid	8015B NM	90411
890-7077-6	F 6	Total/NA	Solid	8015B NM	90411
890-7077-7	F 7	Total/NA	Solid	8015B NM	90411
890-7077-8	F 8	Total/NA	Solid	8015B NM	90411
890-7077-9	F 9	Total/NA	Solid	8015B NM	90411
890-7077-10	F 10	Total/NA	Solid	8015B NM	90411
890-7077-11	F 11	Total/NA	Solid	8015B NM	90411
890-7077-12	F 12	Total/NA	Solid	8015B NM	90411
890-7077-13	F 13	Total/NA	Solid	8015B NM	90411
890-7077-14	F 14	Total/NA	Solid	8015B NM	90411
890-7077-15	F 15	Total/NA	Solid	8015B NM	90411
MB 880-90411/1-A	Method Blank	Total/NA	Solid	8015B NM	90411
LCS 880-90411/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90411
LCSD 880-90411/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90411
890-7077-1 MS	F 1	Total/NA	Solid	8015B NM	90411
890-7077-1 MSD	F 1	Total/NA	Solid	8015B NM	90411

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

GC Semi VOA

Analysis Batch: 90474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-16	F 16	Total/NA	Solid	8015B NM	90416
890-7077-17	F 17	Total/NA	Solid	8015B NM	90416
890-7077-18	F 18	Total/NA	Solid	8015B NM	90416
890-7077-19	F 19	Total/NA	Solid	8015B NM	90416
890-7077-20	F 20	Total/NA	Solid	8015B NM	90416
890-7077-21	F 21	Total/NA	Solid	8015B NM	90416
890-7077-22	F 22	Total/NA	Solid	8015B NM	90416
890-7077-23	F 23	Total/NA	Solid	8015B NM	90416
890-7077-24	F 24	Total/NA	Solid	8015B NM	90416
890-7077-25	F 25	Total/NA	Solid	8015B NM	90416
890-7077-26	F 26	Total/NA	Solid	8015B NM	90416
890-7077-27	F 27	Total/NA	Solid	8015B NM	90416
890-7077-28	F 28	Total/NA	Solid	8015B NM	90416
890-7077-29	F 29	Total/NA	Solid	8015B NM	90416
890-7077-30	F 30	Total/NA	Solid	8015B NM	90416
MB 880-90416/1-A	Method Blank	Total/NA	Solid	8015B NM	90416
LCS 880-90416/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90416
LCSD 880-90416/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90416
890-7077-16 MS	F 16	Total/NA	Solid	8015B NM	90416
890-7077-16 MSD	F 16	Total/NA	Solid	8015B NM	90416

Analysis Batch: 90540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-1	F 1	Total/NA	Solid	8015 NM	
890-7077-2	F 2	Total/NA	Solid	8015 NM	
890-7077-3	F 3	Total/NA	Solid	8015 NM	
890-7077-4	F 4	Total/NA	Solid	8015 NM	
890-7077-5	F 5	Total/NA	Solid	8015 NM	
890-7077-6	F 6	Total/NA	Solid	8015 NM	
890-7077-7	F 7	Total/NA	Solid	8015 NM	
890-7077-8	F 8	Total/NA	Solid	8015 NM	
890-7077-9	F 9	Total/NA	Solid	8015 NM	
890-7077-10	F 10	Total/NA	Solid	8015 NM	
890-7077-11	F 11	Total/NA	Solid	8015 NM	
890-7077-12	F 12	Total/NA	Solid	8015 NM	
890-7077-13	F 13	Total/NA	Solid	8015 NM	
890-7077-14	F 14	Total/NA	Solid	8015 NM	
890-7077-15	F 15	Total/NA	Solid	8015 NM	
890-7077-16	F 16	Total/NA	Solid	8015 NM	
890-7077-17	F 17	Total/NA	Solid	8015 NM	
890-7077-18	F 18	Total/NA	Solid	8015 NM	
890-7077-19	F 19	Total/NA	Solid	8015 NM	
890-7077-20	F 20	Total/NA	Solid	8015 NM	
890-7077-21	F 21	Total/NA	Solid	8015 NM	
890-7077-22	F 22	Total/NA	Solid	8015 NM	
890-7077-23	F 23	Total/NA	Solid	8015 NM	
890-7077-24	F 24	Total/NA	Solid	8015 NM	
890-7077-25	F 25	Total/NA	Solid	8015 NM	
890-7077-26	F 26	Total/NA	Solid	8015 NM	
890-7077-27	F 27	Total/NA	Solid	8015 NM	
890-7077-28	F 28	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

GC Semi VOA (Continued)

Analysis Batch: 90540 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-29	F 29	Total/NA	Solid	8015 NM	
890-7077-30	F 30	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 90428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-1	F 1	Soluble	Solid	DI Leach	
890-7077-2	F 2	Soluble	Solid	DI Leach	
890-7077-3	F 3	Soluble	Solid	DI Leach	
890-7077-4	F 4	Soluble	Solid	DI Leach	
890-7077-5	F 5	Soluble	Solid	DI Leach	
890-7077-6	F 6	Soluble	Solid	DI Leach	
890-7077-7	F 7	Soluble	Solid	DI Leach	
890-7077-8	F 8	Soluble	Solid	DI Leach	
890-7077-9	F 9	Soluble	Solid	DI Leach	
890-7077-10	F 10	Soluble	Solid	DI Leach	
MB 880-90428/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90428/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90428/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7077-1 MS	F 1	Soluble	Solid	DI Leach	
890-7077-1 MSD	F 1	Soluble	Solid	DI Leach	

Leach Batch: 90429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-11	F 11	Soluble	Solid	DI Leach	
890-7077-12	F 12	Soluble	Solid	DI Leach	
890-7077-13	F 13	Soluble	Solid	DI Leach	
890-7077-14	F 14	Soluble	Solid	DI Leach	
890-7077-15	F 15	Soluble	Solid	DI Leach	
890-7077-16	F 16	Soluble	Solid	DI Leach	
890-7077-17	F 17	Soluble	Solid	DI Leach	
890-7077-18	F 18	Soluble	Solid	DI Leach	
890-7077-19	F 19	Soluble	Solid	DI Leach	
890-7077-20	F 20	Soluble	Solid	DI Leach	
MB 880-90429/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90429/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90429/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7077-11 MS	F 11	Soluble	Solid	DI Leach	
890-7077-11 MSD	F 11	Soluble	Solid	DI Leach	

Leach Batch: 90431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-21	F 21	Soluble	Solid	DI Leach	
890-7077-22	F 22	Soluble	Solid	DI Leach	
890-7077-23	F 23	Soluble	Solid	DI Leach	
890-7077-24	F 24	Soluble	Solid	DI Leach	
890-7077-25	F 25	Soluble	Solid	DI Leach	
890-7077-26	F 26	Soluble	Solid	DI Leach	
890-7077-27	F 27	Soluble	Solid	DI Leach	
890-7077-28	F 28	Soluble	Solid	DI Leach	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

HPLC/IC (Continued)

Leach Batch: 90431 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-29	F 29	Soluble	Solid	DI Leach	
890-7077-30	F 30	Soluble	Solid	DI Leach	
MB 880-90431/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90431/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90431/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7077-21 MS	F 21	Soluble	Solid	DI Leach	
890-7077-21 MSD	F 21	Soluble	Solid	DI Leach	

Analysis Batch: 90483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-1	F 1	Soluble	Solid	300.0	90428
890-7077-2	F 2	Soluble	Solid	300.0	90428
890-7077-3	F 3	Soluble	Solid	300.0	90428
890-7077-4	F 4	Soluble	Solid	300.0	90428
890-7077-5	F 5	Soluble	Solid	300.0	90428
890-7077-6	F 6	Soluble	Solid	300.0	90428
890-7077-7	F 7	Soluble	Solid	300.0	90428
890-7077-8	F 8	Soluble	Solid	300.0	90428
890-7077-9	F 9	Soluble	Solid	300.0	90428
890-7077-10	F 10	Soluble	Solid	300.0	90428
MB 880-90428/1-A	Method Blank	Soluble	Solid	300.0	90428
LCS 880-90428/2-A	Lab Control Sample	Soluble	Solid	300.0	90428
LCSD 880-90428/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90428
890-7077-1 MS	F 1	Soluble	Solid	300.0	90428
890-7077-1 MSD	F 1	Soluble	Solid	300.0	90428

Analysis Batch: 90484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-21	F 21	Soluble	Solid	300.0	90431
890-7077-22	F 22	Soluble	Solid	300.0	90431
890-7077-23	F 23	Soluble	Solid	300.0	90431
890-7077-24	F 24	Soluble	Solid	300.0	90431
890-7077-25	F 25	Soluble	Solid	300.0	90431
890-7077-26	F 26	Soluble	Solid	300.0	90431
890-7077-27	F 27	Soluble	Solid	300.0	90431
890-7077-28	F 28	Soluble	Solid	300.0	90431
890-7077-29	F 29	Soluble	Solid	300.0	90431
890-7077-30	F 30	Soluble	Solid	300.0	90431
MB 880-90431/1-A	Method Blank	Soluble	Solid	300.0	90431
LCS 880-90431/2-A	Lab Control Sample	Soluble	Solid	300.0	90431
LCSD 880-90431/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90431
890-7077-21 MS	F 21	Soluble	Solid	300.0	90431
890-7077-21 MSD	F 21	Soluble	Solid	300.0	90431

Analysis Batch: 90485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-11	F 11	Soluble	Solid	300.0	90429
890-7077-12	F 12	Soluble	Solid	300.0	90429
890-7077-13	F 13	Soluble	Solid	300.0	90429
890-7077-14	F 14	Soluble	Solid	300.0	90429
890-7077-15	F 15	Soluble	Solid	300.0	90429

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

HPLC/IC (Continued)

Analysis Batch: 90485 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7077-16	F 16	Soluble	Solid	300.0	90429
890-7077-17	F 17	Soluble	Solid	300.0	90429
890-7077-18	F 18	Soluble	Solid	300.0	90429
890-7077-19	F 19	Soluble	Solid	300.0	90429
890-7077-20	F 20	Soluble	Solid	300.0	90429
MB 880-90429/1-A	Method Blank	Soluble	Solid	300.0	90429
LCS 880-90429/2-A	Lab Control Sample	Soluble	Solid	300.0	90429
LCSD 880-90429/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90429
890-7077-11 MS	F 11	Soluble	Solid	300.0	90429
890-7077-11 MSD	F 11	Soluble	Solid	300.0	90429

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 1

Lab Sample ID: 890-7077-1
Matrix: Solid
Date Collected: 09/09/24 12:45
Date Received: 09/09/24 16:21

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	90440	09/10/24 15:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90476	09/11/24 11:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 11:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 10:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 10:54	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90428	09/10/24 15:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90483	09/11/24 10:18	CH	EET MID

Client Sample ID: F 2

Lab Sample ID: 890-7077-2
Matrix: Solid
Date Collected: 09/09/24 13:10
Date Received: 09/09/24 16:21

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	90440	09/10/24 15:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90476	09/11/24 12:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 12:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 11:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 11:43	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90428	09/10/24 15:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90483	09/11/24 10:34	CH	EET MID

Client Sample ID: F 3

Lab Sample ID: 890-7077-3
Matrix: Solid
Date Collected: 09/09/24 13:15
Date Received: 09/09/24 16:21

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	90440	09/10/24 15:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90476	09/11/24 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 12:00	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90428	09/10/24 15:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90483	09/11/24 10:39	CH	EET MID

Client Sample ID: F 4

Lab Sample ID: 890-7077-4
Matrix: Solid
Date Collected: 09/09/24 13:20
Date Received: 09/09/24 16:21

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	90440	09/10/24 15:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90476	09/11/24 12:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 12:55	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 4

Lab Sample ID: 890-7077-4
Matrix: Solid
Date Collected: 09/09/24 13:20
Date Received: 09/09/24 16:21

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			90540	09/11/24 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 12:16	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	90428	09/10/24 15:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90483	09/11/24 10:44	CH	EET MID

Client Sample ID: F 5

Lab Sample ID: 890-7077-5
Matrix: Solid
Date Collected: 09/09/24 13:25
Date Received: 09/09/24 16:21

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	90440	09/10/24 15:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90476	09/11/24 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 13:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 12:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 12:33	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90428	09/10/24 15:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90483	09/11/24 10:50	CH	EET MID

Client Sample ID: F 6

Lab Sample ID: 890-7077-6
Matrix: Solid
Date Collected: 09/09/24 13:25
Date Received: 09/09/24 16:21

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	90440	09/10/24 15:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90476	09/11/24 13:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 13:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 12:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 12:49	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90428	09/10/24 15:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90483	09/11/24 11:06	CH	EET MID

Client Sample ID: F 7

Lab Sample ID: 890-7077-7
Matrix: Solid
Date Collected: 09/09/24 13:30
Date Received: 09/09/24 16:21

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	90440	09/10/24 15:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90476	09/11/24 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 13:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 13:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 13:06	TKC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 7

Lab Sample ID: 890-7077-7

Date Collected: 09/09/24 13:30
Matrix: Solid
Date Received: 09/09/24 16:21

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	90428	09/10/24 15:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90483	09/11/24 11:11	CH	EET MID

Client Sample ID: F 8

Lab Sample ID: 890-7077-8

Date Collected: 09/09/24 13:35
Matrix: Solid
Date Received: 09/09/24 16:21

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	90440	09/10/24 15:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90476	09/11/24 14:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 14:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 13:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 13:23	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	90428	09/10/24 15:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90483	09/11/24 11:17	CH	EET MID

Client Sample ID: F 9

Lab Sample ID: 890-7077-9

Date Collected: 09/09/24 13:40
Matrix: Solid
Date Received: 09/09/24 16:21

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	90440	09/10/24 15:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90476	09/11/24 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 14:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 13:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 13:39	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90428	09/10/24 15:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90483	09/11/24 11:22	CH	EET MID

Client Sample ID: F 10

Lab Sample ID: 890-7077-10

Date Collected: 09/09/24 13:45
Matrix: Solid
Date Received: 09/09/24 16:21

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	90440	09/10/24 15:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90476	09/11/24 14:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 14:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 13:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 13:56	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	90428	09/10/24 15:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90483	09/11/24 11:28	CH	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 11

Lab Sample ID: 890-7077-11

Date Collected: 09/09/24 13:30
Matrix: Solid
Date Received: 09/09/24 16:21

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	90442	09/10/24 15:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90480	09/11/24 12:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 12:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 14:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 14:29	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90429	09/10/24 15:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90485	09/11/24 10:25	CH	EET MID

Client Sample ID: F 12

Lab Sample ID: 890-7077-12

Date Collected: 09/09/24 13:45
Matrix: Solid
Date Received: 09/09/24 16:21

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	90442	09/10/24 15:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90480	09/11/24 12:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 12:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 14:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 14:46	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	90429	09/10/24 15:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90485	09/11/24 10:52	CH	EET MID

Client Sample ID: F 13

Lab Sample ID: 890-7077-13

Date Collected: 09/09/24 14:00
Matrix: Solid
Date Received: 09/09/24 16:21

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	90442	09/10/24 15:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90480	09/11/24 13:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 15:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 15:03	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90429	09/10/24 15:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90485	09/11/24 11:01	CH	EET MID

Client Sample ID: F 14

Lab Sample ID: 890-7077-14

Date Collected: 09/09/24 14:05
Matrix: Solid
Date Received: 09/09/24 16:21

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	90442	09/10/24 15:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90480	09/11/24 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 13:32	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 14

Lab Sample ID: 890-7077-14

Date Collected: 09/09/24 14:05
Matrix: Solid
Date Received: 09/09/24 16:21

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			90540	09/11/24 15:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.0 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 15:19	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	90429	09/10/24 15:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90485	09/11/24 11:10	CH	EET MID

Client Sample ID: F 15

Lab Sample ID: 890-7077-15

Date Collected: 09/09/24 14:20
Matrix: Solid
Date Received: 09/09/24 16:21

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	90442	09/10/24 15:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90480	09/11/24 13:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 13:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 15:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90411	09/10/24 14:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90472	09/11/24 15:36	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90429	09/10/24 15:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90485	09/11/24 11:18	CH	EET MID

Client Sample ID: F 16

Lab Sample ID: 890-7077-16

Date Collected: 09/09/24 14:15
Matrix: Solid
Date Received: 09/09/24 16:21

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	90442	09/10/24 15:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90480	09/11/24 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 14:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 10:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 10:54	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90429	09/10/24 15:06	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90485	09/11/24 11:45	CH	EET MID

Client Sample ID: F 17

Lab Sample ID: 890-7077-17

Date Collected: 09/09/24 14:20
Matrix: Solid
Date Received: 09/09/24 16:21

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	90442	09/10/24 15:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90480	09/11/24 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 14:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 11:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 11:43	TKC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 17

Lab Sample ID: 890-7077-17

Date Collected: 09/09/24 14:20
Date Received: 09/09/24 16:21

Matrix: Solid

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	90429	09/10/24 15:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90485	09/11/24 11:54	CH	EET MID

Client Sample ID: F 18

Lab Sample ID: 890-7077-18

Date Collected: 09/09/24 14:25
Date Received: 09/09/24 16:21

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			4.97 g	5 mL	90442	09/10/24 15:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90480	09/11/24 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 14:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 12:00	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90429	09/10/24 15:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90485	09/11/24 12:03	CH	EET MID

Client Sample ID: F 19

Lab Sample ID: 890-7077-19

Date Collected: 09/09/24 14:30
Date Received: 09/09/24 16:21

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			4.95 g	5 mL	90442	09/10/24 15:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90480	09/11/24 15:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 12:16	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90429	09/10/24 15:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90485	09/11/24 12:12	CH	EET MID

Client Sample ID: F 20

Lab Sample ID: 890-7077-20

Date Collected: 09/09/24 14:35
Date Received: 09/09/24 16:21

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			5.01 g	5 mL	90442	09/10/24 15:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90480	09/11/24 15:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 15:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 12:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 12:33	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90429	09/10/24 15:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90485	09/11/24 12:20	CH	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 21

Date Collected: 09/09/24 14:35
Date Received: 09/09/24 16:21

Lab Sample ID: 890-7077-21
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			5.01 g	5 mL	90441	09/10/24 15:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90481	09/11/24 11:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 11:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 12:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 12:49	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90431	09/10/24 15:07	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90484	09/11/24 09:59	CH	EET MID

Client Sample ID: F 22

Date Collected: 09/09/24 14:35
Date Received: 09/09/24 16:21

Lab Sample ID: 890-7077-22
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			4.98 g	5 mL	90441	09/10/24 15:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90481	09/11/24 12:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 12:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 13:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 13:06	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90431	09/10/24 15:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90484	09/11/24 10:19	CH	EET MID

Client Sample ID: F 23

Date Collected: 09/09/24 14:40
Date Received: 09/09/24 16:21

Lab Sample ID: 890-7077-23
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			5.01 g	5 mL	90441	09/10/24 15:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90481	09/11/24 12:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 12:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 13:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 13:23	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90431	09/10/24 15:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90484	09/11/24 10:25	CH	EET MID

Client Sample ID: F 24

Date Collected: 09/09/24 14:45
Date Received: 09/09/24 16:21

Lab Sample ID: 890-7077-24
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	90441	09/10/24 15:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90481	09/11/24 12:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 12:57	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 24

Lab Sample ID: 890-7077-24

Date Collected: 09/09/24 14:45
Matrix: Solid
Date Received: 09/09/24 16:21

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			90540	09/11/24 13:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 13:39	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90431	09/10/24 15:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90484	09/11/24 10:32	CH	EET MID

Client Sample ID: F 25

Lab Sample ID: 890-7077-25

Date Collected: 09/09/24 14:50
Matrix: Solid
Date Received: 09/09/24 16:21

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	90441	09/10/24 15:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90481	09/11/24 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 13:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 13:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 13:56	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90431	09/10/24 15:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90484	09/11/24 10:38	CH	EET MID

Client Sample ID: F 26

Lab Sample ID: 890-7077-26

Date Collected: 09/09/24 14:55
Matrix: Solid
Date Received: 09/09/24 16:21

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	90441	09/10/24 15:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90481	09/11/24 13:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 13:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 14:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 14:29	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90431	09/10/24 15:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90484	09/11/24 10:57	CH	EET MID

Client Sample ID: F 27

Lab Sample ID: 890-7077-27

Date Collected: 09/09/24 15:00
Matrix: Solid
Date Received: 09/09/24 16:21

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	90441	09/10/24 15:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90481	09/11/24 13:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 13:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 14:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 14:46	TKC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Client Sample ID: F 27

Lab Sample ID: 890-7077-27

Date Collected: 09/09/24 15:00
Date Received: 09/09/24 16:21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	90431	09/10/24 15:07	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90484	09/11/24 11:04	CH	EET MID

Client Sample ID: F 28

Lab Sample ID: 890-7077-28

Date Collected: 09/09/24 15:05
Date Received: 09/09/24 16:21

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			4.97 g	5 mL	90441	09/10/24 15:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90481	09/11/24 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 14:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 15:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 15:03	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90431	09/10/24 15:07	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90484	09/11/24 11:10	CH	EET MID

Client Sample ID: F 29

Lab Sample ID: 890-7077-29

Date Collected: 09/09/24 15:10
Date Received: 09/09/24 16:21

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			4.95 g	5 mL	90441	09/10/24 15:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90481	09/11/24 14:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 14:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 15:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 15:19	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	90431	09/10/24 15:07	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90484	09/11/24 11:17	CH	EET MID

Client Sample ID: F 30

Lab Sample ID: 890-7077-30

Date Collected: 09/09/24 15:15
Date Received: 09/09/24 16:21

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			5.01 g	5 mL	90441	09/10/24 15:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90481	09/11/24 15:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90536	09/11/24 15:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			90540	09/11/24 15:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90416	09/10/24 14:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90474	09/11/24 15:36	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90431	09/10/24 15:07	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90484	09/11/24 11:23	CH	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

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: AZORES FED COM

Job ID: 890-7077-1

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

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: AZORES FED COM

Job ID: 890-7077-1

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: AZORES FED COM

Job ID: 890-7077-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7077-1	F 1	Solid	09/09/24 12:45	09/09/24 16:21	2'
890-7077-2	F 2	Solid	09/09/24 13:10	09/09/24 16:21	2'
890-7077-3	F 3	Solid	09/09/24 13:15	09/09/24 16:21	2'
890-7077-4	F 4	Solid	09/09/24 13:20	09/09/24 16:21	2'
890-7077-5	F 5	Solid	09/09/24 13:25	09/09/24 16:21	2'
890-7077-6	F 6	Solid	09/09/24 13:25	09/09/24 16:21	2'
890-7077-7	F 7	Solid	09/09/24 13:30	09/09/24 16:21	2'
890-7077-8	F 8	Solid	09/09/24 13:35	09/09/24 16:21	2'
890-7077-9	F 9	Solid	09/09/24 13:40	09/09/24 16:21	2'
890-7077-10	F 10	Solid	09/09/24 13:45	09/09/24 16:21	2'
890-7077-11	F 11	Solid	09/09/24 13:30	09/09/24 16:21	2'
890-7077-12	F 12	Solid	09/09/24 13:45	09/09/24 16:21	2'
890-7077-13	F 13	Solid	09/09/24 14:00	09/09/24 16:21	4'
890-7077-14	F 14	Solid	09/09/24 14:05	09/09/24 16:21	4'
890-7077-15	F 15	Solid	09/09/24 14:20	09/09/24 16:21	4'
890-7077-16	F 16	Solid	09/09/24 14:15	09/09/24 16:21	4'
890-7077-17	F 17	Solid	09/09/24 14:20	09/09/24 16:21	4'
890-7077-18	F 18	Solid	09/09/24 14:25	09/09/24 16:21	4'
890-7077-19	F 19	Solid	09/09/24 14:30	09/09/24 16:21	4'
890-7077-20	F 20	Solid	09/09/24 14:35	09/09/24 16:21	4'
890-7077-21	F 21	Solid	09/09/24 14:35	09/09/24 16:21	4'
890-7077-22	F 22	Solid	09/09/24 14:35	09/09/24 16:21	4'
890-7077-23	F 23	Solid	09/09/24 14:40	09/09/24 16:21	4'
890-7077-24	F 24	Solid	09/09/24 14:45	09/09/24 16:21	4'
890-7077-25	F 25	Solid	09/09/24 14:50	09/09/24 16:21	4'
890-7077-26	F 26	Solid	09/09/24 14:55	09/09/24 16:21	4'
890-7077-27	F 27	Solid	09/09/24 15:00	09/09/24 16:21	4'
890-7077-28	F 28	Solid	09/09/24 15:05	09/09/24 16:21	4'
890-7077-29	F 29	Solid	09/09/24 15:10	09/09/24 16:21	4'
890-7077-30	F 30	Solid	09/09/24 15:15	09/09/24 16:21	4'

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Project Manager:	Trevor Stoffel	Bill to: (If different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta #1300E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-238-3003	Email:	TSTOFFEL@TRCCOMPANIES.COM

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	AZORES Fed Com	Turn Around	☐ Routine ☒ Rush
Project Number:	389001.88	Due Date:	48hr
Project Location:		TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	R Dow		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR#007
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	7.2
Total Containers:		Corrected Temperature:	7.0

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

890-7077 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: Cl - EPA 300	TPH 8015	BTEX 8021
F1	Soil	9/4/21	12:45	2'	Comp	1	✓	✓	✓
F2			13:10						
F3			13:15						
F4			13:20						
F5			13:25						
F6			13:25						
F7			13:30						
F8			13:35						
F9			13:40						
F10			13:45						

Sample Comments

Hand Delivered To Lab

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 R Dow		9/9 1621	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Project Manager:	TORAD STOFEL	Bill to: (if different)	
Company Name:	TRL	Company Name:	
Address:	10 DESTA DR.	Address:	
City, State ZIP:	MIDLAND, TX	City, State ZIP:	
Phone:	432-238-3003	Email:	TSTOFEL@TRLCOMPANIES.COM

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	AZORES FEE LOW	Turn Around	☐ Routine ☑ Rush
Project Number:		Due Date:	
Project Location:		TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	R PONS		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	INMCC
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	7.2
Total Containers:		Corrected Temperature:	7.0

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3
H_2S0_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Cl	BTEX	TPH	Sample Comments
F11	Soil	9-9-24	13:30	2'	Comp	1		✓	✓	✓	
F12			13:45	✓							
F13			14:00	4'							
F14			14:05	4'							
F15			14:10	4'							
F16			14:15	4'							
F17			14:20	4'							
F18			14:25	4'							
F19			14:30	4'							
F20			14:35	4'							

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 R PONS		9/9 1624	4		
3			6		
5					

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: ______

Page 3 of 3

Project Manager:	Jarod Stofel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta DR	Address:	
City, State ZIP:	Midland, TX	City, State ZIP:	
Phone:	432-238-3003	Email:	JStofel@trccompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Azores Fed Com	Turn Around	☐ Routine ☑ Rush
Project Number:		Pres. Code	
Project Location:		Due Date:	
Sampler's Name:	R Ponce - Hernandez	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

ANALYSIS REQUEST — Parameters: Cl, TPH, BTEX

SAMPLE RECEIPT

Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	TNM007
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	7.2
Total Containers:		Corrected Temperature:	7.0

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Cl	TPH	BTEX	Sample Comments
F21	Soil	9/9/24	14:35	4'	Comp	1	✓	✓	✓	
F22	|	|	14:35	|	|	|	|	|	|	
F23	|	|	14:40	|	|	|	|	|	|	
F24	|	|	14:45	|	|	|	|	|	|	
F25	|	|	14:50	|	|	|	|	|	|	
F26	|	|	14:55	|	|	|	|	|	|	
F27	|	|	15:00	|	|	|	|	|	|	
F28	|	|	15:05	|	|	|	|	|	|	
F29	|	|	15:10	|	|	|	|	|	|	
F30	|	|	15:15	|	|	|	|	|	|	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 RPonce	[signature]	9/9 1621	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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9/11/2024

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 890-7077-1

Login Number: 7077 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 890-7077-1

Login Number: 7077 **List Source: Eurofins Midland**
List Number: 2 **List Creation: 09/10/24 08:49 PM**
Creator: Laing, Edmundo

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").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/16/2024 9:58:53 AM

JOB DESCRIPTION

COP-Azores Federal COM
Lea Co. New Mexico

JOB NUMBER

880-37809-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

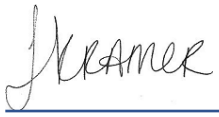
Eurofins Midland

Job Notes

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

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

Authorization



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1/16/2024 9:58:53 AM

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

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Laboratory Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Table of Contents

Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-37809-1
Project/Site: COP-Azores Federal COM SDG: Lea Co. New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: TRC Solutions, Inc. Job ID: 880-37809-1
Project: COP-Azores Federal COM

Job ID: 880-37809-1 Eurofins Midland

Job Narrative
880-37809-1

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

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

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

Receipt
The samples were received on 1/10/2024 4:51 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: AH-1 @ 0-1' (880-37809-1), AH-1 @ 2' (880-37809-2), AH-1 @ 3' (880-37809-3), AH-1 @ 3.5' R (880-37809-4), AH-2 @ 0-1' (880-37809-5), AH-2 @ 2' (880-37809-6), AH-2 @ 2.5' R (880-37809-7), AH-3 @ 0-1' (880-37809-8), AH-3 @ 2' (880-37809-9), AH-3 @ 2.5' R (880-37809-10), AH-4 @ 0-1' (880-37809-11), AH-4 @ 2' (880-37809-12), AH-4 @ 3'R (880-37809-13), AH-5 @ 0-1' (880-37809-14), AH-5 @ 2' (880-37809-15), AH-5 @ 3' (880-37809-16), AH-5 @ 4' (880-37809-17), N-1 (880-37809-18), N-2 (880-37809-19), S-1 (880-37809-20), S-2 (880-37809-21), W-1 (880-37809-22) and E-1 (880-37809-23).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: N-1 (880-37809-18) and S-1 (880-37809-20). 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 880-70782 and analytical batch 880-70718 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-70718 recovered above the upper control limit for Ethylbenzene, m,p-Xylenes and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-70718/113).

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 880-70634 and analytical batch 880-70622 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: AH-1 @ 3.5' R (880-37809-4) and AH-5 @ 0-1' (880-37809-14). 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: (LCSD 880-70634/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-70792 and analytical batch 880-70811 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-2 (880-37809-21), W-1 (880-37809-22), E-1 (880-37809-23), (880-37809-A-21-E MS) and (880-37809-A-21-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: TRC Solutions, Inc. Job ID: 880-37809-1
Project: COP-Azores Federal COM

Job ID: 880-37809-1 (Continued) Eurofins Midland

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-70792 and analytical batch 880-70811 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-70631 and analytical batch 880-70699 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-1 @ 0-1'

Lab Sample ID: 880-37809-1
Matrix: Solid
Date Collected: 01/09/24 11:10
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 09:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 09:52	1
Ethylbenzene	<0.00199	U F2 F1	0.00199		mg/Kg		01/12/24 15:06	01/14/24 09:52	1
m,p-Xylenes	<0.00398	U F2 F1	0.00398		mg/Kg		01/12/24 15:06	01/14/24 09:52	1
o-Xylene	<0.00199	U F2	0.00199		mg/Kg		01/12/24 15:06	01/14/24 09:52	1
Xylenes, Total	<0.00398	U F2 F1	0.00398		mg/Kg		01/12/24 15:06	01/14/24 09:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*01/12/24 15:06*	*01/14/24 09:52*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/12/24 15:06*	*01/14/24 09:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/14/24 09:52	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			01/11/24 10:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/24 09:37	01/11/24 10:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/24 09:37	01/11/24 10:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/24 09:37	01/11/24 10:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*01/11/24 09:37*	*01/11/24 10:45*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*01/11/24 09:37*	*01/11/24 10:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**384**		4.98		mg/Kg			01/12/24 13:18	1

Client Sample ID: AH-1 @ 2'

Lab Sample ID: 880-37809-2
Matrix: Solid
Date Collected: 01/09/24 11:12
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 10:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 10:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 10:13	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/12/24 15:06	01/14/24 10:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 10:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/12/24 15:06	01/14/24 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*01/12/24 15:06*	*01/14/24 10:13*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*01/12/24 15:06*	*01/14/24 10:13*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-1 @ 2'

Date Collected: 01/09/24 11:12
Date Received: 01/10/24 16:51

Lab Sample ID: 880-37809-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/14/24 10:13	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/11/24 11:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/11/24 09:37	01/11/24 11:57	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/11/24 09:37	01/11/24 11:57	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/11/24 09:37	01/11/24 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*01/11/24 09:37*	*01/11/24 11:57*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*01/11/24 09:37*	*01/11/24 11:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**242**		5.00		mg/Kg			01/12/24 13:39	1

Client Sample ID: AH-1 @ 3'

Date Collected: 01/09/24 11:14
Date Received: 01/10/24 16:51

Lab Sample ID: 880-37809-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/12/24 15:06	01/14/24 10:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/12/24 15:06	01/14/24 10:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/12/24 15:06	01/14/24 10:33	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		01/12/24 15:06	01/14/24 10:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/12/24 15:06	01/14/24 10:33	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/12/24 15:06	01/14/24 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*01/12/24 15:06*	*01/14/24 10:33*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*01/12/24 15:06*	*01/14/24 10:33*	*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			01/14/24 10:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/11/24 12:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/11/24 09:37	01/11/24 12:19	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/11/24 09:37	01/11/24 12:19	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-1 @ 3'

Lab Sample ID: 880-37809-3
Matrix: Solid
Date Collected: 01/09/24 11:14
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/11/24 09:37	01/11/24 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*01/11/24 09:37*	*01/11/24 12:19*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*01/11/24 09:37*	*01/11/24 12:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**436**		4.95		mg/Kg			01/12/24 13:46	1

Client Sample ID: AH-1 @ 3.5' R

Lab Sample ID: 880-37809-4
Matrix: Solid
Date Collected: 01/09/24 11:16
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 10:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 10:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 10:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/12/24 15:06	01/14/24 10:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 10:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/12/24 15:06	01/14/24 10:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*01/12/24 15:06*	*01/14/24 10:54*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*01/12/24 15:06*	*01/14/24 10:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/14/24 10:54	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			01/11/24 12:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/24 09:37	01/11/24 12:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/24 09:37	01/11/24 12:42	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/24 09:37	01/11/24 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*01/11/24 09:37*	*01/11/24 12:42*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*01/11/24 09:37*	*01/11/24 12:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**480**		4.99		mg/Kg			01/12/24 13:53	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-2 @ 0-1'

Lab Sample ID: 880-37809-5
Matrix: Solid
Date Collected: 01/09/24 11:20
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 11:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 11:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 11:14	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/12/24 15:06	01/14/24 11:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 11:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/12/24 15:06	01/14/24 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*01/12/24 15:06*	*01/14/24 11:14*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*01/12/24 15:06*	*01/14/24 11:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/14/24 11:14	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			01/11/24 13:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/11/24 09:37	01/11/24 13:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/11/24 09:37	01/11/24 13:04	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/11/24 09:37	01/11/24 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*01/11/24 09:37*	*01/11/24 13:04*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*01/11/24 09:37*	*01/11/24 13:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1320**		25.2		mg/Kg			01/12/24 14:00	5

Client Sample ID: AH-2 @ 2'

Lab Sample ID: 880-37809-6
Matrix: Solid
Date Collected: 01/09/24 11:22
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 11:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 11:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 11:35	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/12/24 15:06	01/14/24 11:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 11:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/12/24 15:06	01/14/24 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*01/12/24 15:06*	*01/14/24 11:35*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*01/12/24 15:06*	*01/14/24 11:35*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-2 @ 2'

Lab Sample ID: 880-37809-6
Matrix: Solid
Date Collected: 01/09/24 11:22
Date Received: 01/10/24 16:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/14/24 11:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/11/24 13:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/11/24 09:37	01/11/24 13:27	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/11/24 09:37	01/11/24 13:27	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/11/24 09:37	01/11/24 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*01/11/24 09:37*	*01/11/24 13:27*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*01/11/24 09:37*	*01/11/24 13:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**162**		4.97		mg/Kg			01/12/24 14:23	1

Client Sample ID: AH-2 @ 2.5' R

Lab Sample ID: 880-37809-7
Matrix: Solid
Date Collected: 01/09/24 11:24
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 11:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 11:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 11:55	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/12/24 15:06	01/14/24 11:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 11:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/12/24 15:06	01/14/24 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/12/24 15:06*	*01/14/24 11:55*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*01/12/24 15:06*	*01/14/24 11:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/14/24 11:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			01/11/24 13:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/11/24 09:37	01/11/24 13:49	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/11/24 09:37	01/11/24 13:49	1

Client Sample Results

Client: TRC Solutions, Inc. Job ID: 880-37809-1
Project/Site: COP-Azores Federal COM SDG: Lea Co. New Mexico

Client Sample ID: AH-2 @ 2.5' R
Lab Sample ID: 880-37809-7
Date Collected: 01/09/24 11:24 **Matrix: Solid**
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/11/24 09:37	01/11/24 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*01/11/24 09:37*	*01/11/24 13:49*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*01/11/24 09:37*	*01/11/24 13:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.2**		4.96		mg/Kg			01/12/24 14:30	1

Client Sample ID: AH-3 @ 0-1'
Lab Sample ID: 880-37809-8
Date Collected: 01/09/24 12:00 **Matrix: Solid**
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/12/24 15:06	01/14/24 12:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/12/24 15:06	01/14/24 12:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/12/24 15:06	01/14/24 12:16	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		01/12/24 15:06	01/14/24 12:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/12/24 15:06	01/14/24 12:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/12/24 15:06	01/14/24 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*01/12/24 15:06*	*01/14/24 12:16*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*01/12/24 15:06*	*01/14/24 12:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/14/24 12:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/11/24 14:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/11/24 09:37	01/11/24 14:11	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/11/24 09:37	01/11/24 14:11	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/11/24 09:37	01/11/24 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*01/11/24 09:37*	*01/11/24 14:11*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*01/11/24 09:37*	*01/11/24 14:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3870**		24.9		mg/Kg			01/12/24 14:37	5

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-3 @ 2'

Date Collected: 01/09/24 12:05
Date Received: 01/10/24 16:51

Lab Sample ID: 880-37809-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 12:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 12:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 12:36	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/12/24 15:06	01/14/24 12:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 12:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/12/24 15:06	01/14/24 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*01/12/24 15:06*	*01/14/24 12:36*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/12/24 15:06*	*01/14/24 12:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/14/24 12:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/11/24 14:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/11/24 09:37	01/11/24 14:33	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/11/24 09:37	01/11/24 14:33	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/11/24 09:37	01/11/24 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*01/11/24 09:37*	*01/11/24 14:33*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*01/11/24 09:37*	*01/11/24 14:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4330**		50.5		mg/Kg			01/12/24 14:44	10

Client Sample ID: AH-3 @ 2.5' R

Date Collected: 01/09/24 12:10
Date Received: 01/10/24 16:51

Lab Sample ID: 880-37809-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 12:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 12:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 12:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/12/24 15:06	01/14/24 12:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 12:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/12/24 15:06	01/14/24 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*01/12/24 15:06*	*01/14/24 12:57*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*01/12/24 15:06*	*01/14/24 12:57*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-3 @ 2.5' R

Lab Sample ID: 880-37809-10
Matrix: Solid
Date Collected: 01/09/24 12:10
Date Received: 01/10/24 16:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/14/24 12:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/11/24 14:54	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/24 09:37	01/11/24 14:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/24 09:37	01/11/24 14:54	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/24 09:37	01/11/24 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*01/11/24 09:37*	*01/11/24 14:54*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*01/11/24 09:37*	*01/11/24 14:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3100**		25.1		mg/Kg			01/12/24 14:51	5

Client Sample ID: AH-4 @ 0-1'

Lab Sample ID: 880-37809-11
Matrix: Solid
Date Collected: 01/09/24 12:30
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 14:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 14:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 14:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/12/24 15:06	01/14/24 14:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 14:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/12/24 15:06	01/14/24 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*01/12/24 15:06*	*01/14/24 14:20*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/12/24 15:06*	*01/14/24 14:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/14/24 14:20	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			01/11/24 15:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/24 09:37	01/11/24 15:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/24 09:37	01/11/24 15:38	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-4 @ 0-1'

Lab Sample ID: 880-37809-11
Matrix: Solid
Date Collected: 01/09/24 12:30
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/24 09:37	01/11/24 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*01/11/24 09:37*	*01/11/24 15:38*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*01/11/24 09:37*	*01/11/24 15:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4120**	**F1**	50.1		mg/Kg			01/12/24 14:58	10

Client Sample ID: AH-4 @ 2'

Lab Sample ID: 880-37809-12
Matrix: Solid
Date Collected: 01/09/24 12:32
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 14:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 14:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 14:41	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/12/24 15:06	01/14/24 14:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 14:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/12/24 15:06	01/14/24 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/12/24 15:06*	*01/14/24 14:41*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*01/12/24 15:06*	*01/14/24 14:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/14/24 14:41	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/11/24 16:24	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/11/24 09:37	01/11/24 16:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/11/24 09:37	01/11/24 16:24	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/11/24 09:37	01/11/24 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*01/11/24 09:37*	*01/11/24 16:24*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*01/11/24 09:37*	*01/11/24 16:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**248**		4.99		mg/Kg			01/12/24 15:19	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-4 @ 3'R

Date Collected: 01/09/24 12:34
Date Received: 01/10/24 16:51

Lab Sample ID: 880-37809-13

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 15:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 15:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 15:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/12/24 15:06	01/14/24 15:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 15:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/12/24 15:06	01/14/24 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*01/12/24 15:06*	*01/14/24 15:01*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*01/12/24 15:06*	*01/14/24 15:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/14/24 15:01	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			01/11/24 16:46	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/24 09:37	01/11/24 16:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/24 09:37	01/11/24 16:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/24 09:37	01/11/24 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*01/11/24 09:37*	*01/11/24 16:46*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*01/11/24 09:37*	*01/11/24 16:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2230**		24.9		mg/Kg			01/12/24 15:26	5

Client Sample ID: AH-5 @ 0-1'

Date Collected: 01/09/24 13:20
Date Received: 01/10/24 16:51

Lab Sample ID: 880-37809-14

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/12/24 15:06	01/14/24 15:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/12/24 15:06	01/14/24 15:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/12/24 15:06	01/14/24 15:22	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		01/12/24 15:06	01/14/24 15:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/12/24 15:06	01/14/24 15:22	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/12/24 15:06	01/14/24 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*01/12/24 15:06*	*01/14/24 15:22*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*01/12/24 15:06*	*01/14/24 15:22*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-5 @ 0-1'

Lab Sample ID: 880-37809-14
Matrix: Solid
Date Collected: 01/09/24 13:20
Date Received: 01/10/24 16:51

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			01/14/24 15:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/11/24 17:08	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/11/24 09:37	01/11/24 17:08	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/11/24 09:37	01/11/24 17:08	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/11/24 09:37	01/11/24 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*01/11/24 09:37*	*01/11/24 17:08*	*1*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*	*01/11/24 09:37*	*01/11/24 17:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3070**		24.8		mg/Kg			01/12/24 15:47	5

Client Sample ID: AH-5 @ 2'

Lab Sample ID: 880-37809-15
Matrix: Solid
Date Collected: 01/09/24 13:22
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 15:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 15:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 15:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/12/24 15:06	01/14/24 15:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/12/24 15:06	01/14/24 15:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/12/24 15:06	01/14/24 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*01/12/24 15:06*	*01/14/24 15:42*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*01/12/24 15:06*	*01/14/24 15:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/14/24 15:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			01/11/24 17:30	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/11/24 09:37	01/11/24 17:30	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/11/24 09:37	01/11/24 17:30	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-5 @ 2'

Lab Sample ID: 880-37809-15
Matrix: Solid
Date Collected: 01/09/24 13:22
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/11/24 09:37	01/11/24 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*01/11/24 09:37*	*01/11/24 17:30*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*01/11/24 09:37*	*01/11/24 17:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4690**		49.7		mg/Kg			01/12/24 15:54	10

Client Sample ID: AH-5 @ 3'

Lab Sample ID: 880-37809-16
Matrix: Solid
Date Collected: 01/09/24 13:24
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 16:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 16:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 16:03	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/12/24 15:06	01/14/24 16:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 16:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/12/24 15:06	01/14/24 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*01/12/24 15:06*	*01/14/24 16:03*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*01/12/24 15:06*	*01/14/24 16:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/14/24 16:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/11/24 17:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/11/24 09:37	01/11/24 17:52	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/11/24 09:37	01/11/24 17:52	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/11/24 09:37	01/11/24 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*01/11/24 09:37*	*01/11/24 17:52*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*01/11/24 09:37*	*01/11/24 17:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4710**		50.0		mg/Kg			01/12/24 16:01	10

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-5 @ 4'

Lab Sample ID: 880-37809-17
Matrix: Solid
Date Collected: 01/09/24 13:26
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 16:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 16:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 16:23	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/12/24 15:06	01/14/24 16:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 16:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/12/24 15:06	01/14/24 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*01/12/24 15:06*	*01/14/24 16:23*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*01/12/24 15:06*	*01/14/24 16:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/14/24 16:23	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/11/24 18:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/11/24 09:37	01/11/24 18:14	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/11/24 09:37	01/11/24 18:14	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/11/24 09:37	01/11/24 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*01/11/24 09:37*	*01/11/24 18:14*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*01/11/24 09:37*	*01/11/24 18:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4000**		50.0		mg/Kg			01/12/24 16:07	10

Client Sample ID: N-1

Lab Sample ID: 880-37809-18
Matrix: Solid
Date Collected: 01/09/24 14:20
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 16:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 16:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 16:44	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/12/24 15:06	01/14/24 16:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/12/24 15:06	01/14/24 16:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/12/24 15:06	01/14/24 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*59*	*S1-*	*70 - 130*	*01/12/24 15:06*	*01/14/24 16:44*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*01/12/24 15:06*	*01/14/24 16:44*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: N-1

Lab Sample ID: 880-37809-18
Matrix: Solid
Date Collected: 01/09/24 14:20
Date Received: 01/10/24 16:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/14/24 16:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/11/24 18:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/11/24 09:37	01/11/24 18:36	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/11/24 09:37	01/11/24 18:36	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/11/24 09:37	01/11/24 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*01/11/24 09:37*	*01/11/24 18:36*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*01/11/24 09:37*	*01/11/24 18:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		4.99		mg/Kg			01/12/24 16:14	1

Client Sample ID: N-2

Lab Sample ID: 880-37809-19
Matrix: Solid
Date Collected: 01/09/24 14:32
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 17:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 17:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 17:05	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		01/12/24 15:06	01/14/24 17:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/12/24 15:06	01/14/24 17:05	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/12/24 15:06	01/14/24 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/12/24 15:06*	*01/14/24 17:05*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*01/12/24 15:06*	*01/14/24 17:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/14/24 17:05	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			01/11/24 18:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/11/24 09:37	01/11/24 18:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/11/24 09:37	01/11/24 18:58	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: N-2

Lab Sample ID: 880-37809-19
Matrix: Solid
Date Collected: 01/09/24 14:32
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/11/24 09:37	01/11/24 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*01/11/24 09:37*	*01/11/24 18:58*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*01/11/24 09:37*	*01/11/24 18:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.2**		5.04		mg/Kg			01/12/24 16:21	1

Client Sample ID: S-1

Lab Sample ID: 880-37809-20
Matrix: Solid
Date Collected: 01/09/24 14:15
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 17:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 17:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 17:25	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/12/24 15:06	01/14/24 17:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 17:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/12/24 15:06	01/14/24 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*64*	*S1-*	*70 - 130*	*01/12/24 15:06*	*01/14/24 17:25*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/12/24 15:06*	*01/14/24 17:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/14/24 17:25	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			01/11/24 19:21	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/24 09:37	01/11/24 19:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/24 09:37	01/11/24 19:21	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/24 09:37	01/11/24 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*01/11/24 09:37*	*01/11/24 19:21*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*01/11/24 09:37*	*01/11/24 19:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.7**		4.97		mg/Kg			01/12/24 16:28	1

Client Sample Results

Client: TRC Solutions, Inc. Job ID: 880-37809-1
Project/Site: COP-Azores Federal COM SDG: Lea Co. New Mexico

Client Sample ID: S-2 Lab Sample ID: 880-37809-21

Date Collected: 01/09/24 14:25 **Matrix: Solid**
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/15/24 12:53	01/15/24 23:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/15/24 12:53	01/15/24 23:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/15/24 12:53	01/15/24 23:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/15/24 12:53	01/15/24 23:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/15/24 12:53	01/15/24 23:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/15/24 12:53	01/15/24 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*01/15/24 12:53*	*01/15/24 23:17*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/15/24 12:53*	*01/15/24 23:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/15/24 23:17	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			01/14/24 12:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9		mg/Kg		01/12/24 17:11	01/14/24 12:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		01/12/24 17:11	01/14/24 12:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/12/24 17:11	01/14/24 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*173*	*S1+*	*70 - 130*	*01/12/24 17:11*	*01/14/24 12:04*	*1*
o-Terphenyl (Surr)	*142*	*S1+*	*70 - 130*	*01/12/24 17:11*	*01/14/24 12:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.5**		4.98		mg/Kg			01/12/24 15:37	1

Client Sample ID: W-1 Lab Sample ID: 880-37809-22

Date Collected: 01/09/24 14:27 **Matrix: Solid**
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/24 12:53	01/15/24 23:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/24 12:53	01/15/24 23:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/24 12:53	01/15/24 23:38	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/15/24 12:53	01/15/24 23:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/24 12:53	01/15/24 23:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/15/24 12:53	01/15/24 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*01/15/24 12:53*	*01/15/24 23:38*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*01/15/24 12:53*	*01/15/24 23:38*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: W-1

Lab Sample ID: 880-37809-22
Matrix: Solid
Date Collected: 01/09/24 14:27
Date Received: 01/10/24 16:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/15/24 23:38	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			01/14/24 13:08	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/12/24 17:11	01/14/24 13:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/12/24 17:11	01/14/24 13:08	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/12/24 17:11	01/14/24 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*146*	*S1+*	*70 - 130*	*01/12/24 17:11*	*01/14/24 13:08*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*01/12/24 17:11*	*01/14/24 13:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**158**		5.00		mg/Kg			01/12/24 15:53	1

Client Sample ID: E-1

Lab Sample ID: 880-37809-23
Matrix: Solid
Date Collected: 01/09/24 14:30
Date Received: 01/10/24 16:51

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/24 12:53	01/15/24 23:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/24 12:53	01/15/24 23:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/24 12:53	01/15/24 23:58	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/15/24 12:53	01/15/24 23:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/24 12:53	01/15/24 23:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/15/24 12:53	01/15/24 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*01/15/24 12:53*	*01/15/24 23:58*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*01/15/24 12:53*	*01/15/24 23:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/15/24 23:58	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			01/14/24 13:30	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/12/24 17:11	01/14/24 13:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/12/24 17:11	01/14/24 13:30	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: E-1
Date Collected: 01/09/24 14:30
Date Received: 01/10/24 16:51

Lab Sample ID: 880-37809-23
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/12/24 17:11	01/14/24 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*162*	*S1+*	*70 - 130*	*01/12/24 17:11*	*01/14/24 13:30*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*01/12/24 17:11*	*01/14/24 13:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/12/24 15:58	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-37809-1	AH-1 @ 0-1'	71	93
880-37809-1 MS	AH-1 @ 0-1'	93	107
880-37809-1 MSD	AH-1 @ 0-1'	127	100
880-37809-2	AH-1 @ 2'	94	80
880-37809-3	AH-1 @ 3'	83	85
880-37809-4	AH-1 @ 3.5' R	84	87
880-37809-5	AH-2 @ 0-1'	81	81
880-37809-6	AH-2 @ 2'	84	85
880-37809-7	AH-2 @ 2.5' R	101	78
880-37809-8	AH-3 @ 0-1'	84	91
880-37809-9	AH-3 @ 2'	83	89
880-37809-10	AH-3 @ 2.5' R	84	88
880-37809-11	AH-4 @ 0-1'	80	89
880-37809-12	AH-4 @ 2'	85	83
880-37809-13	AH-4 @ 3'R	86	85
880-37809-14	AH-5 @ 0-1'	81	84
880-37809-15	AH-5 @ 2'	86	84
880-37809-16	AH-5 @ 3'	81	83
880-37809-17	AH-5 @ 4'	88	80
880-37809-18	N-1	59 S1-	73
880-37809-19	N-2	85	79
880-37809-20	S-1	64 S1-	94
880-37809-21	S-2	80	89
880-37809-21 MS	S-2	108	102
880-37809-21 MSD	S-2	108	85
880-37809-22	W-1	78	85
880-37809-23	E-1	84	83
LCS 880-70782/1-A	Lab Control Sample	95	108
LCS 880-70858/1-A	Lab Control Sample	109	104
LCSD 880-70782/2-A	Lab Control Sample Dup	92	106
LCSD 880-70858/2-A	Lab Control Sample Dup	119	108
MB 880-70508/5-A	Method Blank	74	84
MB 880-70782/5-A	Method Blank	76	86
MB 880-70840/5-A	Method Blank	75	88
MB 880-70858/5-A	Method Blank	71	90

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-37809-1	AH-1 @ 0-1'	77	98
880-37809-1 MS	AH-1 @ 0-1'	77	85
880-37809-1 MSD	AH-1 @ 0-1'	88	91
880-37809-2	AH-1 @ 2'	74	92

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 880-37809-1
Project/Site: COP-Azores Federal COM SDG: Lea Co. New Mexico

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)								
880-37809-3	AH-1 @ 3'	98	124								
880-37809-4	AH-1 @ 3.5' R	107	135 S1+								
880-37809-5	AH-2 @ 0-1'	92	117								
880-37809-6	AH-2 @ 2'	99	127								
880-37809-7	AH-2 @ 2.5' R	96	118								
880-37809-8	AH-3 @ 0-1'	92	114								
880-37809-9	AH-3 @ 2'	92	118								
880-37809-10	AH-3 @ 2.5' R	94	120								
880-37809-11	AH-4 @ 0-1'	84	108								
880-37809-12	AH-4 @ 2'	91	115								
880-37809-13	AH-4 @ 3'R	91	120								
880-37809-14	AH-5 @ 0-1'	108	137 S1+								
880-37809-15	AH-5 @ 2'	100	128								
880-37809-16	AH-5 @ 3'	93	122								
880-37809-17	AH-5 @ 4'	96	126								
880-37809-18	N-1	89	116								
880-37809-19	N-2	90	118								
880-37809-20	S-1	94	118								
880-37809-21	S-2	173 S1+	142 S1+								
880-37809-21 MS	S-2	158 S1+	117								
880-37809-21 MSD	S-2	158 S1+	118								
880-37809-22	W-1	146 S1+	127								
880-37809-23	E-1	162 S1+	129								
LCS 880-70634/2-A	Lab Control Sample	99	128								
LCS 880-70792/2-A	Lab Control Sample	88	90								
LCSD 880-70634/3-A	Lab Control Sample Dup	112	137 S1+								
LCSD 880-70792/3-A	Lab Control Sample Dup	99	104								
MB 880-70634/1-A	Method Blank	101	142 S1+								
MB 880-70792/1-A	Method Blank	170 S1+	172 S1+								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-70508/5-A
Matrix: Solid
Analysis Batch: 70718

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 70508

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/24 16:58	01/13/24 22:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/24 16:58	01/13/24 22:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/24 16:58	01/13/24 22:56	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/09/24 16:58	01/13/24 22:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/24 16:58	01/13/24 22:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/09/24 16:58	01/13/24 22:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*01/09/24 16:58*	*01/13/24 22:56*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*01/09/24 16:58*	*01/13/24 22:56*	*1*

Lab Sample ID: MB 880-70782/5-A
Matrix: Solid
Analysis Batch: 70718

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 70782

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 09:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 09:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 09:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/12/24 15:06	01/14/24 09:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/24 15:06	01/14/24 09:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/12/24 15:06	01/14/24 09:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*01/12/24 15:06*	*01/14/24 09:31*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*01/12/24 15:06*	*01/14/24 09:31*	*1*

Lab Sample ID: LCS 880-70782/1-A
Matrix: Solid
Analysis Batch: 70718

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 70782

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1237		mg/Kg		124	70 - 130		
Toluene			0.100	0.1038		mg/Kg		104	70 - 130		
Ethylbenzene			0.100	0.1019		mg/Kg		102	70 - 130		
m,p-Xylenes			0.200	0.2069		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.09896		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-70782/2-A
Matrix: Solid
Analysis Batch: 70718

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 70782

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1118		mg/Kg		112	70 - 130	10	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

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

Lab Sample ID: LCSD 880-70782/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 70718 — **Prep Batch: 70782**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09406		mg/Kg		94	70 - 130	10	35
Ethylbenzene			0.100	0.09120		mg/Kg		91	70 - 130	11	35
m,p-Xylenes			0.200	0.1869		mg/Kg		93	70 - 130	10	35
o-Xylene			0.100	0.08921		mg/Kg		89	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 880-37809-1 MS — **Client Sample ID: AH-1 @ 0-1'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 70718 — **Prep Batch: 70782**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.1071		mg/Kg		108	70 - 130
Toluene	<0.00199	U	0.0996	0.09018		mg/Kg		90	70 - 130
Ethylbenzene	<0.00199	U F2 F1	0.0996	0.08652		mg/Kg		87	70 - 130
m,p-Xylenes	<0.00398	U F2 F1	0.199	0.1759		mg/Kg		88	70 - 130
o-Xylene	<0.00199	U F2	0.0996	0.08329		mg/Kg		83	70 - 130

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

Lab Sample ID: 880-37809-1 MSD — **Client Sample ID: AH-1 @ 0-1'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 70718 — **Prep Batch: 70782**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.1234		mg/Kg		123	70 - 130	14	35
Toluene	<0.00199	U	0.100	0.1031		mg/Kg		102	70 - 130	13	35
Ethylbenzene	<0.00199	U F2 F1	0.100	0.1338	F1 F2	mg/Kg		133	70 - 130	43	35
m,p-Xylenes	<0.00398	U F2 F1	0.201	0.2760	F1 F2	mg/Kg		137	70 - 130	44	35
o-Xylene	<0.00199	U F2	0.100	0.1306	F2	mg/Kg		129	70 - 130	44	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-70840/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 70828 — **Prep Batch: 70840**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/24 08:59	01/15/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/24 08:59	01/15/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/24 08:59	01/15/24 11:08	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/15/24 08:59	01/15/24 11:08	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

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

Lab Sample ID: MB 880-70840/5-A
Matrix: Solid
Analysis Batch: 70828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 70840

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/24 08:59	01/15/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/15/24 08:59	01/15/24 11:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*01/15/24 08:59*	*01/15/24 11:08*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*01/15/24 08:59*	*01/15/24 11:08*	*1*

Lab Sample ID: MB 880-70858/5-A
Matrix: Solid
Analysis Batch: 70828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 70858

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/24 12:53	01/15/24 22:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/24 12:53	01/15/24 22:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/24 12:53	01/15/24 22:55	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/15/24 12:53	01/15/24 22:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/24 12:53	01/15/24 22:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/15/24 12:53	01/15/24 22:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*01/15/24 12:53*	*01/15/24 22:55*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/15/24 12:53*	*01/15/24 22:55*	*1*

Lab Sample ID: LCS 880-70858/1-A
Matrix: Solid
Analysis Batch: 70828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 70858

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1096		mg/Kg		110	70 - 130		
Toluene			0.100	0.09809		mg/Kg		98	70 - 130		
Ethylbenzene			0.100	0.1043		mg/Kg		104	70 - 130		
m,p-Xylenes			0.200	0.2197		mg/Kg		110	70 - 130		
o-Xylene			0.100	0.1054		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-70858/2-A
Matrix: Solid
Analysis Batch: 70828

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 70858

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1163		mg/Kg		116	70 - 130	6	35
Toluene			0.100	0.09918		mg/Kg		99	70 - 130	1	35
Ethylbenzene			0.100	0.1036		mg/Kg		104	70 - 130	1	35
m,p-Xylenes			0.200	0.2444		mg/Kg		122	70 - 130	11	35
o-Xylene			0.100	0.1171		mg/Kg		117	70 - 130	11	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-37809-21 MS — **Client Sample ID: S-2**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 70828 — **Prep Batch: 70858**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.09727		mg/Kg		98	70 - 130
Toluene	<0.00199	U	0.0996	0.09700		mg/Kg		97	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.1075		mg/Kg		108	70 - 130
m,p-Xylenes	<0.00398	U	0.199	0.2181		mg/Kg		109	70 - 130
o-Xylene	<0.00199	U	0.0996	0.1034		mg/Kg		104	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-37809-21 MSD — **Client Sample ID: S-2**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 70828 — **Prep Batch: 70858**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.1018		mg/Kg		103	70 - 130	5	35
Toluene	<0.00199	U	0.0990	0.1023		mg/Kg		103	70 - 130	5	35
Ethylbenzene	<0.00199	U	0.0990	0.1072		mg/Kg		108	70 - 130	0	35
m,p-Xylenes	<0.00398	U	0.198	0.2250		mg/Kg		114	70 - 130	3	35
o-Xylene	<0.00199	U	0.0990	0.1068		mg/Kg		108	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

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

Lab Sample ID: MB 880-70634/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 70622 — **Prep Batch: 70634**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/11/24 07:37	01/11/24 07:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/11/24 07:37	01/11/24 07:52	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/11/24 07:37	01/11/24 07:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	01/11/24 07:37	01/11/24 07:52	1
o-Terphenyl (Surr)	142	S1+	70 - 130	01/11/24 07:37	01/11/24 07:52	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

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

Lab Sample ID: LCS 880-70634/2-A
Matrix: Solid
Analysis Batch: 70622

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 70634

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	704.9		mg/Kg		70	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1020		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*99*		*70 - 130*
o-Terphenyl (Surr)	*128*		*70 - 130*

Lab Sample ID: LCSD 880-70634/3-A
Matrix: Solid
Analysis Batch: 70622

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 70634

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	751.4		mg/Kg		75	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	1084		mg/Kg		108	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*112*		*70 - 130*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*

Lab Sample ID: 880-37809-1 MS
Matrix: Solid
Analysis Batch: 70622

Client Sample ID: AH-1 @ 0-1'
Prep Type: Total/NA
Prep Batch: 70634

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	1000	815.5		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	811.9		mg/Kg		81	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*77*		*70 - 130*
o-Terphenyl (Surr)	*85*		*70 - 130*

Lab Sample ID: 880-37809-1 MSD
Matrix: Solid
Analysis Batch: 70622

Client Sample ID: AH-1 @ 0-1'
Prep Type: Total/NA
Prep Batch: 70634

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	1000	796.7		mg/Kg		76	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	897.3		mg/Kg		90	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*88*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

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

Lab Sample ID: 880-37809-1 MSD
Matrix: Solid
Analysis Batch: 70622

Client Sample ID: AH-1 @ 0-1'
Prep Type: Total/NA
Prep Batch: 70634

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: MB 880-70792/1-A
Matrix: Solid
Analysis Batch: 70811

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 70792

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/12/24 17:11	01/14/24 09:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/12/24 17:11	01/14/24 09:00	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/12/24 17:11	01/14/24 09:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	170	S1+	70 - 130	01/12/24 17:11	01/14/24 09:00	1
o-Terphenyl (Surr)	172	S1+	70 - 130	01/12/24 17:11	01/14/24 09:00	1

Lab Sample ID: LCS 880-70792/2-A
Matrix: Solid
Analysis Batch: 70811

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 70792

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1087		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	929.5		mg/Kg		93	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	88		70 - 130
o-Terphenyl (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-70792/3-A
Matrix: Solid
Analysis Batch: 70811

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 70792

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1046		mg/Kg		105	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	904.7		mg/Kg		90	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	104		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

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

Lab Sample ID: 880-37809-21 MS
Matrix: Solid
Analysis Batch: 70811

Client Sample ID: S-2
Prep Type: Total/NA
Prep Batch: 70792

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	1010	1410	F1	mg/Kg		136	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1010	1452	F1	mg/Kg		139	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*158*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*117*		*70 - 130*

Lab Sample ID: 880-37809-21 MSD
Matrix: Solid
Analysis Batch: 70811

Client Sample ID: S-2
Prep Type: Total/NA
Prep Batch: 70792

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	1010	1373	F1	mg/Kg		132	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1010	1493	F1	mg/Kg		143	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*158*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*118*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-70631/1-A
Matrix: Solid
Analysis Batch: 70699

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/12/24 12:57	1

Lab Sample ID: LCS 880-70631/2-A
Matrix: Solid
Analysis Batch: 70699

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	234.2		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-70631/3-A
Matrix: Solid
Analysis Batch: 70699

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	234.3		mg/Kg		94	90 - 110	0	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-37809-1 MS — **Client Sample ID: AH-1 @ 0-1'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 70699

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	384		249	614.0		mg/Kg		92	90 - 110

Lab Sample ID: 880-37809-1 MSD — **Client Sample ID: AH-1 @ 0-1'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 70699

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	384		249	611.9		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-37809-11 MS — **Client Sample ID: AH-4 @ 0-1'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 70699

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4120	F1	2510	6309	F1	mg/Kg		87	90 - 110

Lab Sample ID: 880-37809-11 MSD — **Client Sample ID: AH-4 @ 0-1'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 70699

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4120	F1	2510	6347	F1	mg/Kg		89	90 - 110	1	20

Lab Sample ID: MB 880-70637/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 70700

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/12/24 15:21	1

Lab Sample ID: LCS 880-70637/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 70700

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.4		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-70637/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 70700

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	251.8		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-37809-21 MS — **Client Sample ID: S-2**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 70700

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.5		249	258.9		mg/Kg		98	90 - 110

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-37809-21 MSD
Matrix: Solid
Analysis Batch: 70700

Client Sample ID: S-2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15.5		249	256.8		mg/Kg		97	90 - 110	1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

GC VOA

Prep Batch: 70508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-70508/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 70718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-1	AH-1 @ 0-1'	Total/NA	Solid	8021B	70782
880-37809-2	AH-1 @ 2'	Total/NA	Solid	8021B	70782
880-37809-3	AH-1 @ 3'	Total/NA	Solid	8021B	70782
880-37809-4	AH-1 @ 3.5' R	Total/NA	Solid	8021B	70782
880-37809-5	AH-2 @ 0-1'	Total/NA	Solid	8021B	70782
880-37809-6	AH-2 @ 2'	Total/NA	Solid	8021B	70782
880-37809-7	AH-2 @ 2.5' R	Total/NA	Solid	8021B	70782
880-37809-8	AH-3 @ 0-1'	Total/NA	Solid	8021B	70782
880-37809-9	AH-3 @ 2'	Total/NA	Solid	8021B	70782
880-37809-10	AH-3 @ 2.5' R	Total/NA	Solid	8021B	70782
880-37809-11	AH-4 @ 0-1'	Total/NA	Solid	8021B	70782
880-37809-12	AH-4 @ 2'	Total/NA	Solid	8021B	70782
880-37809-13	AH-4 @ 3'R	Total/NA	Solid	8021B	70782
880-37809-14	AH-5 @ 0-1'	Total/NA	Solid	8021B	70782
880-37809-15	AH-5 @ 2'	Total/NA	Solid	8021B	70782
880-37809-16	AH-5 @ 3'	Total/NA	Solid	8021B	70782
880-37809-17	AH-5 @ 4'	Total/NA	Solid	8021B	70782
880-37809-18	N-1	Total/NA	Solid	8021B	70782
880-37809-19	N-2	Total/NA	Solid	8021B	70782
880-37809-20	S-1	Total/NA	Solid	8021B	70782
MB 880-70508/5-A	Method Blank	Total/NA	Solid	8021B	70508
MB 880-70782/5-A	Method Blank	Total/NA	Solid	8021B	70782
LCS 880-70782/1-A	Lab Control Sample	Total/NA	Solid	8021B	70782
LCSD 880-70782/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	70782
880-37809-1 MS	AH-1 @ 0-1'	Total/NA	Solid	8021B	70782
880-37809-1 MSD	AH-1 @ 0-1'	Total/NA	Solid	8021B	70782

Prep Batch: 70782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-1	AH-1 @ 0-1'	Total/NA	Solid	5035	
880-37809-2	AH-1 @ 2'	Total/NA	Solid	5035	
880-37809-3	AH-1 @ 3'	Total/NA	Solid	5035	
880-37809-4	AH-1 @ 3.5' R	Total/NA	Solid	5035	
880-37809-5	AH-2 @ 0-1'	Total/NA	Solid	5035	
880-37809-6	AH-2 @ 2'	Total/NA	Solid	5035	
880-37809-7	AH-2 @ 2.5' R	Total/NA	Solid	5035	
880-37809-8	AH-3 @ 0-1'	Total/NA	Solid	5035	
880-37809-9	AH-3 @ 2'	Total/NA	Solid	5035	
880-37809-10	AH-3 @ 2.5' R	Total/NA	Solid	5035	
880-37809-11	AH-4 @ 0-1'	Total/NA	Solid	5035	
880-37809-12	AH-4 @ 2'	Total/NA	Solid	5035	
880-37809-13	AH-4 @ 3'R	Total/NA	Solid	5035	
880-37809-14	AH-5 @ 0-1'	Total/NA	Solid	5035	
880-37809-15	AH-5 @ 2'	Total/NA	Solid	5035	
880-37809-16	AH-5 @ 3'	Total/NA	Solid	5035	
880-37809-17	AH-5 @ 4'	Total/NA	Solid	5035	
880-37809-18	N-1	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

GC VOA (Continued)

Prep Batch: 70782 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-19	N-2	Total/NA	Solid	5035	
880-37809-20	S-1	Total/NA	Solid	5035	
MB 880-70782/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-70782/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-70782/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-37809-1 MS	AH-1 @ 0-1'	Total/NA	Solid	5035	
880-37809-1 MSD	AH-1 @ 0-1'	Total/NA	Solid	5035	

Analysis Batch: 70828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-21	S-2	Total/NA	Solid	8021B	70858
880-37809-22	W-1	Total/NA	Solid	8021B	70858
880-37809-23	E-1	Total/NA	Solid	8021B	70858
MB 880-70840/5-A	Method Blank	Total/NA	Solid	8021B	70840
MB 880-70858/5-A	Method Blank	Total/NA	Solid	8021B	70858
LCS 880-70858/1-A	Lab Control Sample	Total/NA	Solid	8021B	70858
LCSD 880-70858/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	70858
880-37809-21 MS	S-2	Total/NA	Solid	8021B	70858
880-37809-21 MSD	S-2	Total/NA	Solid	8021B	70858

Prep Batch: 70840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-70840/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 70858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-21	S-2	Total/NA	Solid	5035	
880-37809-22	W-1	Total/NA	Solid	5035	
880-37809-23	E-1	Total/NA	Solid	5035	
MB 880-70858/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-70858/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-70858/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-37809-21 MS	S-2	Total/NA	Solid	5035	
880-37809-21 MSD	S-2	Total/NA	Solid	5035	

Analysis Batch: 70953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-1	AH-1 @ 0-1'	Total/NA	Solid	Total BTEX	
880-37809-2	AH-1 @ 2'	Total/NA	Solid	Total BTEX	
880-37809-3	AH-1 @ 3'	Total/NA	Solid	Total BTEX	
880-37809-4	AH-1 @ 3.5' R	Total/NA	Solid	Total BTEX	
880-37809-5	AH-2 @ 0-1'	Total/NA	Solid	Total BTEX	
880-37809-6	AH-2 @ 2'	Total/NA	Solid	Total BTEX	
880-37809-7	AH-2 @ 2.5' R	Total/NA	Solid	Total BTEX	
880-37809-8	AH-3 @ 0-1'	Total/NA	Solid	Total BTEX	
880-37809-9	AH-3 @ 2'	Total/NA	Solid	Total BTEX	
880-37809-10	AH-3 @ 2.5' R	Total/NA	Solid	Total BTEX	
880-37809-11	AH-4 @ 0-1'	Total/NA	Solid	Total BTEX	
880-37809-12	AH-4 @ 2'	Total/NA	Solid	Total BTEX	
880-37809-13	AH-4 @ 3'R	Total/NA	Solid	Total BTEX	
880-37809-14	AH-5 @ 0-1'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

GC VOA (Continued)

Analysis Batch: 70953 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-15	AH-5 @ 2'	Total/NA	Solid	Total BTEX	
880-37809-16	AH-5 @ 3'	Total/NA	Solid	Total BTEX	
880-37809-17	AH-5 @ 4'	Total/NA	Solid	Total BTEX	
880-37809-18	N-1	Total/NA	Solid	Total BTEX	
880-37809-19	N-2	Total/NA	Solid	Total BTEX	
880-37809-20	S-1	Total/NA	Solid	Total BTEX	
880-37809-21	S-2	Total/NA	Solid	Total BTEX	
880-37809-22	W-1	Total/NA	Solid	Total BTEX	
880-37809-23	E-1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 70622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-1	AH-1 @ 0-1'	Total/NA	Solid	8015B NM	70634
880-37809-2	AH-1 @ 2'	Total/NA	Solid	8015B NM	70634
880-37809-3	AH-1 @ 3'	Total/NA	Solid	8015B NM	70634
880-37809-4	AH-1 @ 3.5' R	Total/NA	Solid	8015B NM	70634
880-37809-5	AH-2 @ 0-1'	Total/NA	Solid	8015B NM	70634
880-37809-6	AH-2 @ 2'	Total/NA	Solid	8015B NM	70634
880-37809-7	AH-2 @ 2.5' R	Total/NA	Solid	8015B NM	70634
880-37809-8	AH-3 @ 0-1'	Total/NA	Solid	8015B NM	70634
880-37809-9	AH-3 @ 2'	Total/NA	Solid	8015B NM	70634
880-37809-10	AH-3 @ 2.5' R	Total/NA	Solid	8015B NM	70634
880-37809-11	AH-4 @ 0-1'	Total/NA	Solid	8015B NM	70634
880-37809-12	AH-4 @ 2'	Total/NA	Solid	8015B NM	70634
880-37809-13	AH-4 @ 3'R	Total/NA	Solid	8015B NM	70634
880-37809-14	AH-5 @ 0-1'	Total/NA	Solid	8015B NM	70634
880-37809-15	AH-5 @ 2'	Total/NA	Solid	8015B NM	70634
880-37809-16	AH-5 @ 3'	Total/NA	Solid	8015B NM	70634
880-37809-17	AH-5 @ 4'	Total/NA	Solid	8015B NM	70634
880-37809-18	N-1	Total/NA	Solid	8015B NM	70634
880-37809-19	N-2	Total/NA	Solid	8015B NM	70634
880-37809-20	S-1	Total/NA	Solid	8015B NM	70634
MB 880-70634/1-A	Method Blank	Total/NA	Solid	8015B NM	70634
LCS 880-70634/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	70634
LCSD 880-70634/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	70634
880-37809-1 MS	AH-1 @ 0-1'	Total/NA	Solid	8015B NM	70634
880-37809-1 MSD	AH-1 @ 0-1'	Total/NA	Solid	8015B NM	70634

Prep Batch: 70634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-1	AH-1 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-37809-2	AH-1 @ 2'	Total/NA	Solid	8015NM Prep	
880-37809-3	AH-1 @ 3'	Total/NA	Solid	8015NM Prep	
880-37809-4	AH-1 @ 3.5' R	Total/NA	Solid	8015NM Prep	
880-37809-5	AH-2 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-37809-6	AH-2 @ 2'	Total/NA	Solid	8015NM Prep	
880-37809-7	AH-2 @ 2.5' R	Total/NA	Solid	8015NM Prep	
880-37809-8	AH-3 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-37809-9	AH-3 @ 2'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

GC Semi VOA (Continued)

Prep Batch: 70634 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-10	AH-3 @ 2.5' R	Total/NA	Solid	8015NM Prep	
880-37809-11	AH-4 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-37809-12	AH-4 @ 2'	Total/NA	Solid	8015NM Prep	
880-37809-13	AH-4 @ 3'R	Total/NA	Solid	8015NM Prep	
880-37809-14	AH-5 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-37809-15	AH-5 @ 2'	Total/NA	Solid	8015NM Prep	
880-37809-16	AH-5 @ 3'	Total/NA	Solid	8015NM Prep	
880-37809-17	AH-5 @ 4'	Total/NA	Solid	8015NM Prep	
880-37809-18	N-1	Total/NA	Solid	8015NM Prep	
880-37809-19	N-2	Total/NA	Solid	8015NM Prep	
880-37809-20	S-1	Total/NA	Solid	8015NM Prep	
MB 880-70634/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-70634/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-70634/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-37809-1 MS	AH-1 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-37809-1 MSD	AH-1 @ 0-1'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 70702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-1	AH-1 @ 0-1'	Total/NA	Solid	8015 NM	
880-37809-2	AH-1 @ 2'	Total/NA	Solid	8015 NM	
880-37809-3	AH-1 @ 3'	Total/NA	Solid	8015 NM	
880-37809-4	AH-1 @ 3.5' R	Total/NA	Solid	8015 NM	
880-37809-5	AH-2 @ 0-1'	Total/NA	Solid	8015 NM	
880-37809-6	AH-2 @ 2'	Total/NA	Solid	8015 NM	
880-37809-7	AH-2 @ 2.5' R	Total/NA	Solid	8015 NM	
880-37809-8	AH-3 @ 0-1'	Total/NA	Solid	8015 NM	
880-37809-9	AH-3 @ 2'	Total/NA	Solid	8015 NM	
880-37809-10	AH-3 @ 2.5' R	Total/NA	Solid	8015 NM	
880-37809-11	AH-4 @ 0-1'	Total/NA	Solid	8015 NM	
880-37809-12	AH-4 @ 2'	Total/NA	Solid	8015 NM	
880-37809-13	AH-4 @ 3'R	Total/NA	Solid	8015 NM	
880-37809-14	AH-5 @ 0-1'	Total/NA	Solid	8015 NM	
880-37809-15	AH-5 @ 2'	Total/NA	Solid	8015 NM	
880-37809-16	AH-5 @ 3'	Total/NA	Solid	8015 NM	
880-37809-17	AH-5 @ 4'	Total/NA	Solid	8015 NM	
880-37809-18	N-1	Total/NA	Solid	8015 NM	
880-37809-19	N-2	Total/NA	Solid	8015 NM	
880-37809-20	S-1	Total/NA	Solid	8015 NM	
880-37809-21	S-2	Total/NA	Solid	8015 NM	
880-37809-22	W-1	Total/NA	Solid	8015 NM	
880-37809-23	E-1	Total/NA	Solid	8015 NM	

Prep Batch: 70792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-21	S-2	Total/NA	Solid	8015NM Prep	
880-37809-22	W-1	Total/NA	Solid	8015NM Prep	
880-37809-23	E-1	Total/NA	Solid	8015NM Prep	
MB 880-70792/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-70792/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-70792/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

GC Semi VOA (Continued)

Prep Batch: 70792 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-21 MS	S-2	Total/NA	Solid	8015NM Prep	
880-37809-21 MSD	S-2	Total/NA	Solid	8015NM Prep	

Analysis Batch: 70811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-21	S-2	Total/NA	Solid	8015B NM	70792
880-37809-22	W-1	Total/NA	Solid	8015B NM	70792
880-37809-23	E-1	Total/NA	Solid	8015B NM	70792
MB 880-70792/1-A	Method Blank	Total/NA	Solid	8015B NM	70792
LCS 880-70792/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	70792
LCSD 880-70792/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	70792
880-37809-21 MS	S-2	Total/NA	Solid	8015B NM	70792
880-37809-21 MSD	S-2	Total/NA	Solid	8015B NM	70792

HPLC/IC

Leach Batch: 70631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-1	AH-1 @ 0-1'	Soluble	Solid	DI Leach	
880-37809-2	AH-1 @ 2'	Soluble	Solid	DI Leach	
880-37809-3	AH-1 @ 3'	Soluble	Solid	DI Leach	
880-37809-4	AH-1 @ 3.5' R	Soluble	Solid	DI Leach	
880-37809-5	AH-2 @ 0-1'	Soluble	Solid	DI Leach	
880-37809-6	AH-2 @ 2'	Soluble	Solid	DI Leach	
880-37809-7	AH-2 @ 2.5' R	Soluble	Solid	DI Leach	
880-37809-8	AH-3 @ 0-1'	Soluble	Solid	DI Leach	
880-37809-9	AH-3 @ 2'	Soluble	Solid	DI Leach	
880-37809-10	AH-3 @ 2.5' R	Soluble	Solid	DI Leach	
880-37809-11	AH-4 @ 0-1'	Soluble	Solid	DI Leach	
880-37809-12	AH-4 @ 2'	Soluble	Solid	DI Leach	
880-37809-13	AH-4 @ 3'R	Soluble	Solid	DI Leach	
880-37809-14	AH-5 @ 0-1'	Soluble	Solid	DI Leach	
880-37809-15	AH-5 @ 2'	Soluble	Solid	DI Leach	
880-37809-16	AH-5 @ 3'	Soluble	Solid	DI Leach	
880-37809-17	AH-5 @ 4'	Soluble	Solid	DI Leach	
880-37809-18	N-1	Soluble	Solid	DI Leach	
880-37809-19	N-2	Soluble	Solid	DI Leach	
880-37809-20	S-1	Soluble	Solid	DI Leach	
MB 880-70631/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-70631/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-70631/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-37809-1 MS	AH-1 @ 0-1'	Soluble	Solid	DI Leach	
880-37809-1 MSD	AH-1 @ 0-1'	Soluble	Solid	DI Leach	
880-37809-11 MS	AH-4 @ 0-1'	Soluble	Solid	DI Leach	
880-37809-11 MSD	AH-4 @ 0-1'	Soluble	Solid	DI Leach	

Leach Batch: 70637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-21	S-2	Soluble	Solid	DI Leach	
880-37809-22	W-1	Soluble	Solid	DI Leach	
880-37809-23	E-1	Soluble	Solid	DI Leach	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

HPLC/IC (Continued)

Leach Batch: 70637 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-70637/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-70637/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-70637/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-37809-21 MS	S-2	Soluble	Solid	DI Leach	
880-37809-21 MSD	S-2	Soluble	Solid	DI Leach	

Analysis Batch: 70699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-1	AH-1 @ 0-1'	Soluble	Solid	300.0	70631
880-37809-2	AH-1 @ 2'	Soluble	Solid	300.0	70631
880-37809-3	AH-1 @ 3'	Soluble	Solid	300.0	70631
880-37809-4	AH-1 @ 3.5' R	Soluble	Solid	300.0	70631
880-37809-5	AH-2 @ 0-1'	Soluble	Solid	300.0	70631
880-37809-6	AH-2 @ 2'	Soluble	Solid	300.0	70631
880-37809-7	AH-2 @ 2.5' R	Soluble	Solid	300.0	70631
880-37809-8	AH-3 @ 0-1'	Soluble	Solid	300.0	70631
880-37809-9	AH-3 @ 2'	Soluble	Solid	300.0	70631
880-37809-10	AH-3 @ 2.5' R	Soluble	Solid	300.0	70631
880-37809-11	AH-4 @ 0-1'	Soluble	Solid	300.0	70631
880-37809-12	AH-4 @ 2'	Soluble	Solid	300.0	70631
880-37809-13	AH-4 @ 3'R	Soluble	Solid	300.0	70631
880-37809-14	AH-5 @ 0-1'	Soluble	Solid	300.0	70631
880-37809-15	AH-5 @ 2'	Soluble	Solid	300.0	70631
880-37809-16	AH-5 @ 3'	Soluble	Solid	300.0	70631
880-37809-17	AH-5 @ 4'	Soluble	Solid	300.0	70631
880-37809-18	N-1	Soluble	Solid	300.0	70631
880-37809-19	N-2	Soluble	Solid	300.0	70631
880-37809-20	S-1	Soluble	Solid	300.0	70631
MB 880-70631/1-A	Method Blank	Soluble	Solid	300.0	70631
LCS 880-70631/2-A	Lab Control Sample	Soluble	Solid	300.0	70631
LCSD 880-70631/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	70631
880-37809-1 MS	AH-1 @ 0-1'	Soluble	Solid	300.0	70631
880-37809-1 MSD	AH-1 @ 0-1'	Soluble	Solid	300.0	70631
880-37809-11 MS	AH-4 @ 0-1'	Soluble	Solid	300.0	70631
880-37809-11 MSD	AH-4 @ 0-1'	Soluble	Solid	300.0	70631

Analysis Batch: 70700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37809-21	S-2	Soluble	Solid	300.0	70637
880-37809-22	W-1	Soluble	Solid	300.0	70637
880-37809-23	E-1	Soluble	Solid	300.0	70637
MB 880-70637/1-A	Method Blank	Soluble	Solid	300.0	70637
LCS 880-70637/2-A	Lab Control Sample	Soluble	Solid	300.0	70637
LCSD 880-70637/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	70637
880-37809-21 MS	S-2	Soluble	Solid	300.0	70637
880-37809-21 MSD	S-2	Soluble	Solid	300.0	70637

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-1 @ 0-1'

Lab Sample ID: 880-37809-1
Matrix: Solid
Date Collected: 01/09/24 11:10
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 09:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 09:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 10:45	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1			70699	01/12/24 13:18	CH	EET MID

Client Sample ID: AH-1 @ 2'

Lab Sample ID: 880-37809-2
Matrix: Solid
Date Collected: 01/09/24 11:12
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 10:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 10:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 11:57	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 11:57	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1			70699	01/12/24 13:39	CH	EET MID

Client Sample ID: AH-1 @ 3'

Lab Sample ID: 880-37809-3
Matrix: Solid
Date Collected: 01/09/24 11:14
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 10:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 10:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 12:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 12:19	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1			70699	01/12/24 13:46	CH	EET MID

Client Sample ID: AH-1 @ 3.5' R

Lab Sample ID: 880-37809-4
Matrix: Solid
Date Collected: 01/09/24 11:16
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 10:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 10:54	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-1 @ 3.5' R

Lab Sample ID: 880-37809-4
Matrix: Solid
Date Collected: 01/09/24 11:16
Date Received: 01/10/24 16:51

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			70702	01/11/24 12:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 12:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1			70699	01/12/24 13:53	CH	EET MID

Client Sample ID: AH-2 @ 0-1'

Lab Sample ID: 880-37809-5
Matrix: Solid
Date Collected: 01/09/24 11:20
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 11:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 11:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 13:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 13:04	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		5			70699	01/12/24 14:00	CH	EET MID

Client Sample ID: AH-2 @ 2'

Lab Sample ID: 880-37809-6
Matrix: Solid
Date Collected: 01/09/24 11:22
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 11:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 11:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 13:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 13:27	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1			70699	01/12/24 14:23	CH	EET MID

Client Sample ID: AH-2 @ 2.5' R

Lab Sample ID: 880-37809-7
Matrix: Solid
Date Collected: 01/09/24 11:24
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 11:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 11:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 13:49	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 13:49	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-2 @ 2.5' R

Lab Sample ID: 880-37809-7
Matrix: Solid
Date Collected: 01/09/24 11:24
Date Received: 01/10/24 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1			70699	01/12/24 14:30	CH	EET MID

Client Sample ID: AH-3 @ 0-1'

Lab Sample ID: 880-37809-8
Matrix: Solid
Date Collected: 01/09/24 12:00
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 12:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 12:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 14:11	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 14:11	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		5			70699	01/12/24 14:37	CH	EET MID

Client Sample ID: AH-3 @ 2'

Lab Sample ID: 880-37809-9
Matrix: Solid
Date Collected: 01/09/24 12:05
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 12:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 12:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 14:33	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 14:33	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		10			70699	01/12/24 14:44	CH	EET MID

Client Sample ID: AH-3 @ 2.5' R

Lab Sample ID: 880-37809-10
Matrix: Solid
Date Collected: 01/09/24 12:10
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 12:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 12:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 14:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 14:54	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		5			70699	01/12/24 14:51	CH	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-4 @ 0-1'

Lab Sample ID: 880-37809-11
Matrix: Solid
Date Collected: 01/09/24 12:30
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 14:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 14:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 15:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 15:38	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		10			70699	01/12/24 14:58	CH	EET MID

Client Sample ID: AH-4 @ 2'

Lab Sample ID: 880-37809-12
Matrix: Solid
Date Collected: 01/09/24 12:32
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 14:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 14:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 16:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 16:24	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1			70699	01/12/24 15:19	CH	EET MID

Client Sample ID: AH-4 @ 3'R

Lab Sample ID: 880-37809-13
Matrix: Solid
Date Collected: 01/09/24 12:34
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 15:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 15:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 16:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 16:46	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		5			70699	01/12/24 15:26	CH	EET MID

Client Sample ID: AH-5 @ 0-1'

Lab Sample ID: 880-37809-14
Matrix: Solid
Date Collected: 01/09/24 13:20
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 15:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 15:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-5 @ 0-1'

Lab Sample ID: 880-37809-14
Matrix: Solid
Date Collected: 01/09/24 13:20
Date Received: 01/10/24 16:51

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			70702	01/11/24 17:08	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 17:08	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		5			70699	01/12/24 15:47	CH	EET MID

Client Sample ID: AH-5 @ 2'

Lab Sample ID: 880-37809-15
Matrix: Solid
Date Collected: 01/09/24 13:22
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 15:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 15:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 17:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 17:30	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		10			70699	01/12/24 15:54	CH	EET MID

Client Sample ID: AH-5 @ 3'

Lab Sample ID: 880-37809-16
Matrix: Solid
Date Collected: 01/09/24 13:24
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 16:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 16:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 17:52	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		10			70699	01/12/24 16:01	CH	EET MID

Client Sample ID: AH-5 @ 4'

Lab Sample ID: 880-37809-17
Matrix: Solid
Date Collected: 01/09/24 13:26
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 16:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 16:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 18:14	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 18:14	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: AH-5 @ 4'

Lab Sample ID: 880-37809-17
Matrix: Solid
Date Collected: 01/09/24 13:26
Date Received: 01/10/24 16:51

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	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		10			70699	01/12/24 16:07	CH	EET MID

Client Sample ID: N-1

Lab Sample ID: 880-37809-18
Matrix: Solid
Date Collected: 01/09/24 14:20
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 16:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 16:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 18:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 18:36	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1			70699	01/12/24 16:14	CH	EET MID

Client Sample ID: N-2

Lab Sample ID: 880-37809-19
Matrix: Solid
Date Collected: 01/09/24 14:32
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 17:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 17:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 18:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 18:58	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1			70699	01/12/24 16:21	CH	EET MID

Client Sample ID: S-1

Lab Sample ID: 880-37809-20
Matrix: Solid
Date Collected: 01/09/24 14:15
Date Received: 01/10/24 16:51

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	70782	01/12/24 15:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70718	01/14/24 17:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/14/24 17:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/11/24 19:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	70634	01/11/24 09:37	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70622	01/11/24 19:21	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	70631	01/11/24 09:31	SA	EET MID
Soluble	Analysis	300.0		1			70699	01/12/24 16:28	CH	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Client Sample ID: S-2

Lab Sample ID: 880-37809-21
Matrix: Solid
Date Collected: 01/09/24 14:25
Date Received: 01/10/24 16:51

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	70858	01/15/24 12:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70828	01/15/24 23:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/15/24 23:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/14/24 12:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	70792	01/12/24 17:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70811	01/14/24 12:04	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	70637	01/11/24 11:19	SA	EET MID
Soluble	Analysis	300.0		1			70700	01/12/24 15:37	CH	EET MID

Client Sample ID: W-1

Lab Sample ID: 880-37809-22
Matrix: Solid
Date Collected: 01/09/24 14:27
Date Received: 01/10/24 16:51

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	70858	01/15/24 12:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70828	01/15/24 23:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/15/24 23:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/14/24 13:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	70792	01/12/24 17:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70811	01/14/24 13:08	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	70637	01/11/24 11:19	SA	EET MID
Soluble	Analysis	300.0		1			70700	01/12/24 15:53	CH	EET MID

Client Sample ID: E-1

Lab Sample ID: 880-37809-23
Matrix: Solid
Date Collected: 01/09/24 14:30
Date Received: 01/10/24 16:51

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	70858	01/15/24 12:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70828	01/15/24 23:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70953	01/15/24 23:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			70702	01/14/24 13:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	70792	01/12/24 17:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	70811	01/14/24 13:30	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	70637	01/11/24 11:19	SA	EET MID
Soluble	Analysis	300.0		1			70700	01/12/24 15:58	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.
Job ID: 880-37809-1
Project/Site: COP-Azores Federal COM
SDG: Lea Co. New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: TRC Solutions, Inc. Job ID: 880-37809-1
Project/Site: COP-Azores Federal COM SDG: Lea Co. New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Azores Federal COM

Job ID: 880-37809-1
SDG: Lea Co. New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-37809-1	AH-1 @ 0-1'	Solid	01/09/24 11:10	01/10/24 16:51
880-37809-2	AH-1 @ 2'	Solid	01/09/24 11:12	01/10/24 16:51
880-37809-3	AH-1 @ 3'	Solid	01/09/24 11:14	01/10/24 16:51
880-37809-4	AH-1 @ 3.5' R	Solid	01/09/24 11:16	01/10/24 16:51
880-37809-5	AH-2 @ 0-1'	Solid	01/09/24 11:20	01/10/24 16:51
880-37809-6	AH-2 @ 2'	Solid	01/09/24 11:22	01/10/24 16:51
880-37809-7	AH-2 @ 2.5' R	Solid	01/09/24 11:24	01/10/24 16:51
880-37809-8	AH-3 @ 0-1'	Solid	01/09/24 12:00	01/10/24 16:51
880-37809-9	AH-3 @ 2'	Solid	01/09/24 12:05	01/10/24 16:51
880-37809-10	AH-3 @ 2.5' R	Solid	01/09/24 12:10	01/10/24 16:51
880-37809-11	AH-4 @ 0-1'	Solid	01/09/24 12:30	01/10/24 16:51
880-37809-12	AH-4 @ 2'	Solid	01/09/24 12:32	01/10/24 16:51
880-37809-13	AH-4 @ 3'R	Solid	01/09/24 12:34	01/10/24 16:51
880-37809-14	AH-5 @ 0-1'	Solid	01/09/24 13:20	01/10/24 16:51
880-37809-15	AH-5 @ 2'	Solid	01/09/24 13:22	01/10/24 16:51
880-37809-16	AH-5 @ 3'	Solid	01/09/24 13:24	01/10/24 16:51
880-37809-17	AH-5 @ 4'	Solid	01/09/24 13:26	01/10/24 16:51
880-37809-18	N-1	Solid	01/09/24 14:20	01/10/24 16:51
880-37809-19	N-2	Solid	01/09/24 14:32	01/10/24 16:51
880-37809-20	S-1	Solid	01/09/24 14:15	01/10/24 16:51
880-37809-21	S-2	Solid	01/09/24 14:25	01/10/24 16:51
880-37809-22	W-1	Solid	01/09/24 14:27	01/10/24 16:51
880-37809-23	E-1	Solid	01/09/24 14:30	01/10/24 16:51

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Chain of Custody

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

880-37809 Chain of Custody

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr , STE 130E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432 238 3003	Email:	jstoffel@trccompanies.com

Program: UST/ ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other:

Project Name:	COP-Azores Federal COM	Turn Around	
Project Number:	584312	☑ Routine ☐ Rush	
Project Location:	Lea Co New Mexico	Due Date	5 Day TAT
Sampler's Name:	Hannah Gloden & Jared Stoffel	TAT starts the day received by the lab if received by 4.30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR9
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.3
Total Containers:		Corrected Temperature:	5.5

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH 8015 M	Chlorides E300	BTEX 8021B
AH-1 @ 0-1'	S	01/09/24	11 10	--	Grab	1		X	X	X
AH-1 @ 2'	S	01/09/24	11 12	--	Grab	1		X	X	X
AH-1 @ 3'	S	01/09/24	11 14	--	Grab	1		X	X	X
AH-1 @ 3 5' R	S	01/09/24	11 16	--	Grab	1		X	X	X
AH-2 @ 0-1'	S	01/09/24	11 20	--	Grab	1		X	X	X
AH-2 @ 2'	S	01/09/24	11 22	--	Grab	1		X	X	X
AH-2 @ 2 5' R	S	01/09/24	11 24	--	Grab	1		X	X	X
AH-3 @ 0-1'	S	01/09/24	12 00	--	Grab	1		X	X	X
AH-3 @ 2'	S	01/09/24	12 05	--	Grab	1		X	X	X
AH-3 @ 2 5' R	S	01/09/24	12 10	--	Grab	1		X	X	X

Preservative Codes

None NO	DI Water H_2O
Cool Cool	MeOH Me
HCL HC	HNO_3 HN
H_2S0_4 H_2	NaOH Na
H_3PO_4 HP	
$NaHSO_4$ NABIS	
$Na_2S_2O_3$ $NaSO_3$	
Zn Acetate+NaOH Zn	
NaOH+Ascorbic Acid SAPC	

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			1-10-24	2		1/10/24 1051
3				4		
5				6		

Revised Date 08/25/2020 Rev 2020 2

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Chain of Custody

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EL Paso, TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 37809

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Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr., STE 130E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432.238.3003	Email:	jstoffel@trccompanies com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other:

Project Name:	COP-Azores Federal COM	Turn Around	
Project Number:	584312	☑ Routine ☐ Rush	
Project Location:	Lea Co. New Mexico	Due Date:	5 Day TAT
Sampler's Name:	Hannah Gloden & Jared Stoffel	TAT starts the day received by the lab, if received by 4 30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	TPH 8015 M	Chlorides E300	BTEX 8021B
AH-4 @ 0-1'	S	01/09/24	12 30	--	Grab	1		X	X	X
AH-4 @ 2'	S	01/09/24	12 32	--	Grab	1		X	X	X
AH-4 @ 3' R	S	01/09/24	12 34	--	Grab	1		X	X	X
AH-5 @ 0-1'	S	01/09/24	13 20	--	Grab	1		X	X	X
AH-5 @ 2'	S	01/09/24	13.22	--	Grab	1		X	X	X
AH-5 @ 3'	S	01/09/24	13.24	--	Grab	1		X	X	X
AH-5 @ 4	S	01/09/24	13 26	--	Grab	1		X	X	X
N-1	S	01/09/24	14 20	--	Grab	1		X	X	X
N-2	S	01/09/24	14 32	--	Grab	1		X	X	X
S-1	S	01/09/24	14 15	--	Grab	1		X	X	X

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2S0_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Hannah Gloden	Matthew Dow	1-10-24	2		1/10/24 1100

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Chain of Custody

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

Loc. 880
Work Order No: 37809

www.xenco.com Page

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr., STE 130E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432.238.3003	Email:	jstoffel@trccompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

Project Name:	COP-Azores Federal COM	Turn Around	
Project Number:	584312	☑ Routine ☐ Rush	
Project Location:	Lea Co. New Mexico	Due Date:	5 Day TAT
Sampler's Name:	Hannah Gloden & Jared Stoffel	TAT starts the day received by the lab, if received by 4 30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2S0_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	TPH 8015 M	Chlorides E300	BTEX 8021B	Sample Comments
S-2	S	01/09/24	14 25	--	Grab	1		X	X	X	
W-1	S	01/09/24	14.27	--	Grab	1		X	X	X	
E-1	S	01/09/24	14 30	--	Grab	1		X	X	X	

Parameters

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice. Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed These terms will be enforced unless previously negotiated

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1-10-24	2		1/10/24 1057

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-37809-1
SDG Number: Lea Co. New Mexico

Login Number: 37809
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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/9/2024 12:28:19 PM

JOB DESCRIPTION

Azores Fed Com

JOB NUMBER

880-43085-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

Eurofins Midland

Job Notes

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

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

Authorization

Generated
5/9/2024 12:28:19 PM

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

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Laboratory Job ID: 880-43085-1

Table of Contents

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-43085-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project: Azores Fed Com

Job ID: 880-43085-1

Job ID: 880-43085-1 Eurofins Midland

Job Narrative
880-43085-1

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

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

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

Receipt
The samples were received on 5/6/2024 12:37 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 19.2°C.

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-80176 and 880-80176 and analytical batch 880-80189 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

TT-3 @ 0-1' (880-43085-1), TT-3 @ 2' (880-43085-2), TT-3 @ 3' (880-43085-3), TT-3 @ 4' (880-43085-4), TT-3 @ 5' (880-43085-5), TT-3 @ 6' (880-43085-6), TT-4 @ 0-1' (880-43085-7), TT-4 @ 2' (880-43085-8), TT-4 @ 3' (880-43085-9), TT-4 @ 4' (880-43085-10), (880-43085-A-1-B MS) and (880-43085-A-1-C MSD)

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-80176 and analytical batch 880-80189 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

TT-4 @ 5' (880-43085-11), TT-4 @ 6' (880-43085-12), TT-4 @ 7' (880-43085-13), TT-4 @ 8'R (880-43085-14), (880-43085-A-11-B MS) and (880-43085-A-11-C MSD)

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: Azores Fed Com

Job ID: 880-43085-1

Client Sample ID: TT-3 @ 0-1'
Lab Sample ID: 880-43085-1
Date Collected: 05/03/24 09:14
Matrix: Solid
Date Received: 05/06/24 12:37
Sample Depth: 0-1'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	191	F1	4.97		mg/Kg			05/08/24 18:14	1

Client Sample ID: TT-3 @ 2'
Lab Sample ID: 880-43085-2
Date Collected: 05/03/24 09:17
Matrix: Solid
Date Received: 05/06/24 12:37
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2450		25.0		mg/Kg			05/08/24 18:30	5

Client Sample ID: TT-3 @ 3'
Lab Sample ID: 880-43085-3
Date Collected: 05/03/24 09:20
Matrix: Solid
Date Received: 05/06/24 12:37
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10400		99.2		mg/Kg			05/08/24 18:36	20

Client Sample ID: TT-3 @ 4'
Lab Sample ID: 880-43085-4
Date Collected: 05/03/24 09:23
Matrix: Solid
Date Received: 05/06/24 12:37
Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5610		49.8		mg/Kg			05/08/24 18:41	10

Client Sample ID: TT-3 @ 5'
Lab Sample ID: 880-43085-5
Date Collected: 05/03/24 09:26
Matrix: Solid
Date Received: 05/06/24 12:37
Sample Depth: 5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	293		5.00		mg/Kg			05/08/24 18:46	1

Client Sample ID: TT-3 @ 6'
Lab Sample ID: 880-43085-6
Date Collected: 05/03/24 09:29
Matrix: Solid
Date Received: 05/06/24 12:37
Sample Depth: 6'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	181		4.98		mg/Kg			05/08/24 19:03	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-43085-1

Client Sample ID: TT-4 @ 0-1'

Lab Sample ID: 880-43085-7
Matrix: Solid
Date Collected: 05/03/24 09:50
Date Received: 05/06/24 12:37
Sample Depth: 0-1'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	867		4.99		mg/Kg			05/08/24 19:08	1

Client Sample ID: TT-4 @ 2'

Lab Sample ID: 880-43085-8
Matrix: Solid
Date Collected: 05/03/24 09:53
Date Received: 05/06/24 12:37
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3460		25.2		mg/Kg			05/08/24 19:14	5

Client Sample ID: TT-4 @ 3'

Lab Sample ID: 880-43085-9
Matrix: Solid
Date Collected: 05/03/24 09:56
Date Received: 05/06/24 12:37
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7990		50.2		mg/Kg			05/08/24 19:19	10

Client Sample ID: TT-4 @ 4'

Lab Sample ID: 880-43085-10
Matrix: Solid
Date Collected: 05/03/24 09:59
Date Received: 05/06/24 12:37
Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6070		49.7		mg/Kg			05/08/24 19:24	10

Client Sample ID: TT-4 @ 5'

Lab Sample ID: 880-43085-11
Matrix: Solid
Date Collected: 05/03/24 10:02
Date Received: 05/06/24 12:37
Sample Depth: 5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5410	F1	49.6		mg/Kg			05/08/24 19:30	10

Client Sample ID: TT-4 @ 6'

Lab Sample ID: 880-43085-12
Matrix: Solid
Date Collected: 05/03/24 10:05
Date Received: 05/06/24 12:37
Sample Depth: 6'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4480		24.9		mg/Kg			05/08/24 19:46	5

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-43085-1

Client Sample ID: TT-4 @ 7'

Lab Sample ID: 880-43085-13
Matrix: Solid
Date Collected: 05/03/24 10:20
Date Received: 05/06/24 12:37
Sample Depth: 7'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1920		25.1		mg/Kg			05/08/24 19:51	5

Client Sample ID: TT-4 @ 8'R

Lab Sample ID: 880-43085-14
Matrix: Solid
Date Collected: 05/03/24 10:23
Date Received: 05/06/24 12:37
Sample Depth: 8'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		5.03		mg/Kg			05/08/24 20:08	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-43085-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-80176/1-A
Matrix: Solid
Analysis Batch: 80189

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			05/08/24 17:58	1

Lab Sample ID: LCS 880-80176/2-A
Matrix: Solid
Analysis Batch: 80189

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	262.7		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-80176/3-A
Matrix: Solid
Analysis Batch: 80189

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	263.2		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-43085-1 MS
Matrix: Solid
Analysis Batch: 80189

Client Sample ID: TT-3 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	191	F1	249	476.3	F1	mg/Kg		115	90 - 110		

Lab Sample ID: 880-43085-1 MSD
Matrix: Solid
Analysis Batch: 80189

Client Sample ID: TT-3 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	191	F1	249	476.4	F1	mg/Kg		115	90 - 110	0	20

Lab Sample ID: 880-43085-11 MS
Matrix: Solid
Analysis Batch: 80189

Client Sample ID: TT-4 @ 5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5410	F1	2480	8327	F1	mg/Kg		117	90 - 110		

Lab Sample ID: 880-43085-11 MSD
Matrix: Solid
Analysis Batch: 80189

Client Sample ID: TT-4 @ 5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5410	F1	2480	8310	F1	mg/Kg		117	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-43085-1

HPLC/IC

Leach Batch: 80176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43085-1	TT-3 @ 0-1'	Soluble	Solid	DI Leach	
880-43085-2	TT-3 @ 2'	Soluble	Solid	DI Leach	
880-43085-3	TT-3 @ 3'	Soluble	Solid	DI Leach	
880-43085-4	TT-3 @ 4'	Soluble	Solid	DI Leach	
880-43085-5	TT-3 @ 5'	Soluble	Solid	DI Leach	
880-43085-6	TT-3 @ 6'	Soluble	Solid	DI Leach	
880-43085-7	TT-4 @ 0-1'	Soluble	Solid	DI Leach	
880-43085-8	TT-4 @ 2'	Soluble	Solid	DI Leach	
880-43085-9	TT-4 @ 3'	Soluble	Solid	DI Leach	
880-43085-10	TT-4 @ 4'	Soluble	Solid	DI Leach	
880-43085-11	TT-4 @ 5'	Soluble	Solid	DI Leach	
880-43085-12	TT-4 @ 6'	Soluble	Solid	DI Leach	
880-43085-13	TT-4 @ 7'	Soluble	Solid	DI Leach	
880-43085-14	TT-4 @ 8'R	Soluble	Solid	DI Leach	
MB 880-80176/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-80176/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-80176/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-43085-1 MS	TT-3 @ 0-1'	Soluble	Solid	DI Leach	
880-43085-1 MSD	TT-3 @ 0-1'	Soluble	Solid	DI Leach	
880-43085-11 MS	TT-4 @ 5'	Soluble	Solid	DI Leach	
880-43085-11 MSD	TT-4 @ 5'	Soluble	Solid	DI Leach	

Analysis Batch: 80189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43085-1	TT-3 @ 0-1'	Soluble	Solid	300.0	80176
880-43085-2	TT-3 @ 2'	Soluble	Solid	300.0	80176
880-43085-3	TT-3 @ 3'	Soluble	Solid	300.0	80176
880-43085-4	TT-3 @ 4'	Soluble	Solid	300.0	80176
880-43085-5	TT-3 @ 5'	Soluble	Solid	300.0	80176
880-43085-6	TT-3 @ 6'	Soluble	Solid	300.0	80176
880-43085-7	TT-4 @ 0-1'	Soluble	Solid	300.0	80176
880-43085-8	TT-4 @ 2'	Soluble	Solid	300.0	80176
880-43085-9	TT-4 @ 3'	Soluble	Solid	300.0	80176
880-43085-10	TT-4 @ 4'	Soluble	Solid	300.0	80176
880-43085-11	TT-4 @ 5'	Soluble	Solid	300.0	80176
880-43085-12	TT-4 @ 6'	Soluble	Solid	300.0	80176
880-43085-13	TT-4 @ 7'	Soluble	Solid	300.0	80176
880-43085-14	TT-4 @ 8'R	Soluble	Solid	300.0	80176
MB 880-80176/1-A	Method Blank	Soluble	Solid	300.0	80176
LCS 880-80176/2-A	Lab Control Sample	Soluble	Solid	300.0	80176
LCSD 880-80176/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	80176
880-43085-1 MS	TT-3 @ 0-1'	Soluble	Solid	300.0	80176
880-43085-1 MSD	TT-3 @ 0-1'	Soluble	Solid	300.0	80176
880-43085-11 MS	TT-4 @ 5'	Soluble	Solid	300.0	80176
880-43085-11 MSD	TT-4 @ 5'	Soluble	Solid	300.0	80176

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-43085-1

Client Sample ID: TT-3 @ 0-1'
Lab Sample ID: 880-43085-1
Date Collected: 05/03/24 09:14
Matrix: Solid
Date Received: 05/06/24 12:37

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	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80189	05/08/24 18:14	SMC	EET MID

Client Sample ID: TT-3 @ 2'
Lab Sample ID: 880-43085-2
Date Collected: 05/03/24 09:17
Matrix: Solid
Date Received: 05/06/24 12:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	80189	05/08/24 18:30	SMC	EET MID

Client Sample ID: TT-3 @ 3'
Lab Sample ID: 880-43085-3
Date Collected: 05/03/24 09:20
Matrix: Solid
Date Received: 05/06/24 12:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	80189	05/08/24 18:36	SMC	EET MID

Client Sample ID: TT-3 @ 4'
Lab Sample ID: 880-43085-4
Date Collected: 05/03/24 09:23
Matrix: Solid
Date Received: 05/06/24 12:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	80189	05/08/24 18:41	SMC	EET MID

Client Sample ID: TT-3 @ 5'
Lab Sample ID: 880-43085-5
Date Collected: 05/03/24 09:26
Matrix: Solid
Date Received: 05/06/24 12:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80189	05/08/24 18:46	SMC	EET MID

Client Sample ID: TT-3 @ 6'
Lab Sample ID: 880-43085-6
Date Collected: 05/03/24 09:29
Matrix: Solid
Date Received: 05/06/24 12:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80189	05/08/24 19:03	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-43085-1

Client Sample ID: TT-4 @ 0-1'
Lab Sample ID: 880-43085-7
Date Collected: 05/03/24 09:50
Matrix: Solid
Date Received: 05/06/24 12:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80189	05/08/24 19:08	SMC	EET MID

Client Sample ID: TT-4 @ 2'
Lab Sample ID: 880-43085-8
Date Collected: 05/03/24 09:53
Matrix: Solid
Date Received: 05/06/24 12:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	80189	05/08/24 19:14	SMC	EET MID

Client Sample ID: TT-4 @ 3'
Lab Sample ID: 880-43085-9
Date Collected: 05/03/24 09:56
Matrix: Solid
Date Received: 05/06/24 12:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	80189	05/08/24 19:19	SMC	EET MID

Client Sample ID: TT-4 @ 4'
Lab Sample ID: 880-43085-10
Date Collected: 05/03/24 09:59
Matrix: Solid
Date Received: 05/06/24 12:37

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	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	80189	05/08/24 19:24	SMC	EET MID

Client Sample ID: TT-4 @ 5'
Lab Sample ID: 880-43085-11
Date Collected: 05/03/24 10:02
Matrix: Solid
Date Received: 05/06/24 12:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	80189	05/08/24 19:30	SMC	EET MID

Client Sample ID: TT-4 @ 6'
Lab Sample ID: 880-43085-12
Date Collected: 05/03/24 10:05
Matrix: Solid
Date Received: 05/06/24 12:37

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	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	80189	05/08/24 19:46	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-43085-1

Client Sample ID: TT-4 @ 7'

Lab Sample ID: 880-43085-13

Date Collected: 05/03/24 10:20
Matrix: Solid
Date Received: 05/06/24 12:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	80189	05/08/24 19:51	SMC	EET MID

Client Sample ID: TT-4 @ 8'R

Lab Sample ID: 880-43085-14

Date Collected: 05/03/24 10:23
Matrix: Solid
Date Received: 05/06/24 12:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	80176	05/07/24 14:05	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80189	05/08/24 20:08	SMC	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.
Job ID: 880-43085-1
Project/Site: Azores Fed Com

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

Method Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-43085-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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: Azores Fed Com

Job ID: 880-43085-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-43085-1	TT-3 @ 0-1'	Solid	05/03/24 09:14	05/06/24 12:37	0-1'
880-43085-2	TT-3 @ 2'	Solid	05/03/24 09:17	05/06/24 12:37	2'
880-43085-3	TT-3 @ 3'	Solid	05/03/24 09:20	05/06/24 12:37	3'
880-43085-4	TT-3 @ 4'	Solid	05/03/24 09:23	05/06/24 12:37	4'
880-43085-5	TT-3 @ 5'	Solid	05/03/24 09:26	05/06/24 12:37	5'
880-43085-6	TT-3 @ 6'	Solid	05/03/24 09:29	05/06/24 12:37	6'
880-43085-7	TT-4 @ 0-1'	Solid	05/03/24 09:50	05/06/24 12:37	0-1'
880-43085-8	TT-4 @ 2'	Solid	05/03/24 09:53	05/06/24 12:37	2'
880-43085-9	TT-4 @ 3'	Solid	05/03/24 09:56	05/06/24 12:37	3'
880-43085-10	TT-4 @ 4'	Solid	05/03/24 09:59	05/06/24 12:37	4'
880-43085-11	TT-4 @ 5'	Solid	05/03/24 10:02	05/06/24 12:37	5'
880-43085-12	TT-4 @ 6'	Solid	05/03/24 10:05	05/06/24 12:37	6'
880-43085-13	TT-4 @ 7'	Solid	05/03/24 10:20	05/06/24 12:37	7'
880-43085-14	TT-4 @ 8'R	Solid	05/03/24 10:23	05/06/24 12:37	8'

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Chain of Custody

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

880-43085 Chain of Custody

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Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Azores Fed Com	Turn Around	☑ Routine ☐ Rush
Project Number	584312	Due Date	
Project Location		TAT starts the day received by the lab if received by 4 30pm	
Sampler's Name	Emmie Schubert		
PO #			

SAMPLE RECEIPT				
Temp Blank.	Yes (No)	Wet Ice	Yes (No)	
Samples Received Intact:	(Yes) No	Thermometer ID	IR8	
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-.1	
Sample Custody Seals	Yes No (N/A)	Temperature Reading	19.3	
Total Containers.		Corrected Temperature	19.2	

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides E300
TT-3 @ 0-1'	S	5/3/2024	0914	0-1'	Grab	1		X
TT-3 @ 2'	S	5/3/2024	0917	2'	Grab	1		X
TT-3 @ 3'	S	5/3/2024	0920	3'	Grab	1		X
TT-3 @ 4'	S	5/3/2024	0923	4'	Grab	1		X
TT-3 @ 5'	S	5/3/2024	0926	5'	Grab	1		X
TT-3 @ 6'	S	5/3/2024	0929	6'	Grab	1		X
TT-4 @ 0-1'	S	5/3/2024	0950	0-1'	Grab	1		X
TT-4 @ 2'	S	5/3/2024	0953	2'	Grab	1		X
TT-4 @ 3'	S	5/3/2024	0956	3'	Grab	1		X
TT-4 @ 4'	S	5/3/2024	0959	4'	Grab	1		X

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		5/3/24 1237	2		
3			4		
0			6		

Revised Date 08/25/2020 Rev 2020 2

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Chain of Custody

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

Work Order No: 430885

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Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Azores Fed Com	Turn Around	☑ Routine ☐ Rush
Project Number	584312	Due Date	
Project Location		TAT starts the day received by the lab if received by 4 30pm	
Sampler's Name	Emmie Schubert		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice	Yes (No)	
Samples Received Intact:	(Yes) No	Thermometer ID	IR8	
Cooler Custody Seals:	Yes No N/A	Correction Factor	-.1	
Sample Custody Seals	Yes No (N/A)	Temperature Reading	19.3	
Total Containers		Corrected Temperature	19.2	

Preservative Codes

None NO; DI Water H_2O
Cool Cool; MeOH Me
HCL HC; HNO_3 HN
H_2S0_4 H_2; NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: Chlorides E300	Sample Comments
TT-4 @ 5'	S	5/3/2024	1002	5'	Grab	1	X	
TT-4 @ 6'	S	5/3/2024	1005	6'	Grab	1	X	
TT-4 @ 7'	S	5/3/2024	1020	7'	Grab	1	X	
TT-4 @ 8'R	S	5/3/2024	1023	8'	Grab	1	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		5/3/24 1257	2		
3			4		
0			6		

Revised Date 08/25/2020 Rev 2020 2

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 880-43085-1

Login Number: 43085 **List Source: Eurofins Midland**
List Number: 1
Creator: Vasquez, Julisa

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.	False	
Cooler Temperature is acceptable.	True	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #410E
Midland, Texas 79705

Generated 6/16/2025 1:39:17 PM

JOB DESCRIPTION

Azores Fed Com
Near Jal, NM

JOB NUMBER

880-59297-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

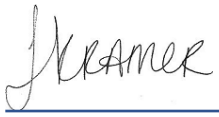
Eurofins Midland

Job Notes

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

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

Authorization



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6/16/2025 1:39:17 PM

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

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Laboratory Job ID: 880-59297-1
SDG: Near Jal, NM

Table of Contents

Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-59297-1
Project/Site: Azores Fed Com SDG: Near Jal, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project: Azores Fed Com

Job ID: 880-59297-1

Job ID: 880-59297-1 Eurofins Midland

Job Narrative
880-59297-1

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

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

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

Receipt
The samples were received on 6/13/2025 3:04 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

GC VOA
Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-112209 and analytical batch 880-112157 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-112255 and analytical batch 880-112266 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, NM

Client Sample ID: F-31

Lab Sample ID: 880-59297-1
Matrix: Solid
Date Collected: 06/12/25 10:30
Date Received: 06/13/25 15:04
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		06/13/25 17:00	06/13/25 22:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/25 17:00	06/13/25 22:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/25 17:00	06/13/25 22:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/13/25 17:00	06/13/25 22:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/25 17:00	06/13/25 22:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/13/25 17:00	06/13/25 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*06/13/25 17:00*	*06/13/25 22:21*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/13/25 17:00*	*06/13/25 22:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/13/25 22:21	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			06/14/25 02:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/13/25 09:51	06/14/25 02:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/13/25 09:51	06/14/25 02:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/13/25 09:51	06/14/25 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*06/13/25 09:51*	*06/14/25 02:07*	*1*
o-Terphenyl	*105*		*70 - 130*	*06/13/25 09:51*	*06/14/25 02:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**475**		10.0		mg/Kg			06/15/25 20:26	1

Client Sample ID: F-32

Lab Sample ID: 880-59297-2
Matrix: Solid
Date Collected: 06/12/25 10:35
Date Received: 06/13/25 15:04
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		06/13/25 17:00	06/13/25 22:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/13/25 17:00	06/13/25 22:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/13/25 17:00	06/13/25 22:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/13/25 17:00	06/13/25 22:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/13/25 17:00	06/13/25 22:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/13/25 17:00	06/13/25 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*06/13/25 17:00*	*06/13/25 22:42*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, NM

Client Sample ID: F-32
Date Collected: 06/12/25 10:35
Date Received: 06/13/25 15:04
Sample Depth: 4'

Lab Sample ID: 880-59297-2
Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*06/13/25 17:00*	*06/13/25 22:42*	*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			06/13/25 22:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			06/14/25 02:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		06/13/25 09:51	06/14/25 02:22	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		06/13/25 09:51	06/14/25 02:22	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		06/13/25 09:51	06/14/25 02:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*06/13/25 09:51*	*06/14/25 02:22*	*1*
o-Terphenyl	*99*		*70 - 130*	*06/13/25 09:51*	*06/14/25 02:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5120**		50.3		mg/Kg			06/15/25 20:34	5

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, NM

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-59271-A-1-D MS	Matrix Spike	97	100										
880-59271-A-1-E MSD	Matrix Spike Duplicate	103	101										
880-59297-1	F-31	107	96										
880-59297-2	F-32	99	101										
LCS 880-112209/1-A	Lab Control Sample	96	106										
LCSD 880-112209/2-A	Lab Control Sample Dup	102	101										
MB 880-112209/5-A	Method Blank	96	94										

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)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-59265-A-1-B MS	Matrix Spike	107	104										
880-59265-A-1-C MSD	Matrix Spike Duplicate	106	104										
880-59297-1	F-31	101	105										
880-59297-2	F-32	95	99										
LCS 880-112168/2-A	Lab Control Sample	124	122										
LCSD 880-112168/3-A	Lab Control Sample Dup	121	119										
MB 880-112168/1-A	Method Blank	92	98										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-112209/5-A
Matrix: Solid
Analysis Batch: 112157

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112209

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/25 11:43	06/13/25 14:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/25 11:43	06/13/25 14:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/25 11:43	06/13/25 14:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/13/25 11:43	06/13/25 14:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/25 11:43	06/13/25 14:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/13/25 11:43	06/13/25 14:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*06/13/25 11:43*	*06/13/25 14:38*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/13/25 11:43*	*06/13/25 14:38*	*1*

Lab Sample ID: LCS 880-112209/1-A
Matrix: Solid
Analysis Batch: 112157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112209

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1212		mg/Kg		121	70 - 130		
Toluene			0.100	0.09721		mg/Kg		97	70 - 130		
Ethylbenzene			0.100	0.1003		mg/Kg		100	70 - 130		
m-Xylene & p-Xylene			0.200	0.1989		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.1001		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-112209/2-A
Matrix: Solid
Analysis Batch: 112157

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 112209

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1177		mg/Kg		118	70 - 130	3	35
Toluene			0.100	0.1015		mg/Kg		101	70 - 130	4	35
Ethylbenzene			0.100	0.1088		mg/Kg		109	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.2205		mg/Kg		110	70 - 130	10	35
o-Xylene			0.100	0.1102		mg/Kg		110	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-59271-A-1-D MS
Matrix: Solid
Analysis Batch: 112157

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 112209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1068		mg/Kg		107	70 - 130		
Toluene	<0.00200	U	0.100	0.08466		mg/Kg		85	70 - 130		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, NM

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

Lab Sample ID: 880-59271-A-1-D MS
Matrix: Solid
Analysis Batch: 112157

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 112209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07911		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.0307		0.200	0.1827		mg/Kg		76	70 - 130
o-Xylene	0.0176	F1	0.100	0.09241		mg/Kg		75	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-59271-A-1-E MSD
Matrix: Solid
Analysis Batch: 112157

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 112209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09955		mg/Kg		100	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.07824		mg/Kg		78	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.07337		mg/Kg		73	70 - 130	8	35
m-Xylene & p-Xylene	0.0307		0.200	0.1720		mg/Kg		71	70 - 130	6	35
o-Xylene	0.0176	F1	0.100	0.08681	F1	mg/Kg		69	70 - 130	6	35

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

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

Lab Sample ID: MB 880-112168/1-A
Matrix: Solid
Analysis Batch: 112175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112168

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		06/13/25 09:51	06/13/25 20:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/13/25 09:51	06/13/25 20:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/13/25 09:51	06/13/25 20:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*06/13/25 09:51*	*06/13/25 20:02*	*1*
o-Terphenyl	*98*		*70 - 130*	*06/13/25 09:51*	*06/13/25 20:02*	*1*

Lab Sample ID: LCS 880-112168/2-A
Matrix: Solid
Analysis Batch: 112175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112168

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1144		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1079		mg/Kg		108	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, NM

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

Lab Sample ID: LCS 880-112168/2-A
Matrix: Solid
Analysis Batch: 112175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112168

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	124		70 - 130
o-Terphenyl	122		70 - 130

Lab Sample ID: LCSD 880-112168/3-A
Matrix: Solid
Analysis Batch: 112175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 112168

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1126		mg/Kg		113	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1041		mg/Kg		104	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 880-59265-A-1-B MS
Matrix: Solid
Analysis Batch: 112175

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 112168

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	995	888.6		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	995	803.4		mg/Kg		81	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 880-59265-A-1-C MSD
Matrix: Solid
Analysis Batch: 112175

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 112168

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	995	898.3		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.1	U	995	789.7		mg/Kg		79	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	104		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-112255/1-A
Matrix: Solid
Analysis Batch: 112266

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			06/15/25 18:42	1

Lab Sample ID: LCS 880-112255/2-A
Matrix: Solid
Analysis Batch: 112266

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	236.1		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-112255/3-A
Matrix: Solid
Analysis Batch: 112266

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	232.1		mg/Kg		93	90 - 110	2	20

Lab Sample ID: 880-59294-A-1-B MS
Matrix: Solid
Analysis Batch: 112266

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2260	F1	1260	3760	F1	mg/Kg		120	90 - 110		

Lab Sample ID: 880-59294-A-1-C MSD
Matrix: Solid
Analysis Batch: 112266

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2260	F1	1260	3652	F1	mg/Kg		111	90 - 110	3	20

Lab Sample ID: 890-8293-A-2-B MS
Matrix: Solid
Analysis Batch: 112266

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	839		252	1073		mg/Kg		93	90 - 110		

Lab Sample ID: 890-8293-A-2-C MSD
Matrix: Solid
Analysis Batch: 112266

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	839		252	1081		mg/Kg		96	90 - 110	1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, NM

GC VOA

Analysis Batch: 112157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59297-1	F-31	Total/NA	Solid	8021B	112209
880-59297-2	F-32	Total/NA	Solid	8021B	112209
MB 880-112209/5-A	Method Blank	Total/NA	Solid	8021B	112209
LCS 880-112209/1-A	Lab Control Sample	Total/NA	Solid	8021B	112209
LCSD 880-112209/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	112209
880-59271-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	112209
880-59271-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	112209

Prep Batch: 112209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59297-1	F-31	Total/NA	Solid	5035	
880-59297-2	F-32	Total/NA	Solid	5035	
MB 880-112209/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-112209/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-112209/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-59271-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-59271-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 112312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59297-1	F-31	Total/NA	Solid	Total BTEX	
880-59297-2	F-32	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 112168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59297-1	F-31	Total/NA	Solid	8015NM Prep	
880-59297-2	F-32	Total/NA	Solid	8015NM Prep	
MB 880-112168/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112168/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112168/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-59265-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-59265-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 112175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59297-1	F-31	Total/NA	Solid	8015B NM	112168
880-59297-2	F-32	Total/NA	Solid	8015B NM	112168
MB 880-112168/1-A	Method Blank	Total/NA	Solid	8015B NM	112168
LCS 880-112168/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112168
LCSD 880-112168/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112168
880-59265-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	112168
880-59265-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	112168

Analysis Batch: 112329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59297-1	F-31	Total/NA	Solid	8015 NM	
880-59297-2	F-32	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, NM

HPLC/IC

Leach Batch: 112255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59297-1	F-31	Soluble	Solid	DI Leach	
880-59297-2	F-32	Soluble	Solid	DI Leach	
MB 880-112255/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-112255/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-112255/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-59294-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-59294-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
890-8293-A-2-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-8293-A-2-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 112266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59297-1	F-31	Soluble	Solid	300.0	112255
880-59297-2	F-32	Soluble	Solid	300.0	112255
MB 880-112255/1-A	Method Blank	Soluble	Solid	300.0	112255
LCS 880-112255/2-A	Lab Control Sample	Soluble	Solid	300.0	112255
LCSD 880-112255/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	112255
880-59294-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	112255
880-59294-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	112255
890-8293-A-2-B MS	Matrix Spike	Soluble	Solid	300.0	112255
890-8293-A-2-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	112255

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, NM

Client Sample ID: F-31

Date Collected: 06/12/25 10:30
Date Received: 06/13/25 15:04

Lab Sample ID: 880-59297-1

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			5.00 g	5 mL	112209	06/13/25 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112157	06/13/25 22:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			112312	06/13/25 22:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			112329	06/14/25 02:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	112168	06/13/25 09:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112175	06/14/25 02:07	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	112255	06/14/25 14:18	SMC	EET MID
Soluble	Analysis	300.0		1			112266	06/15/25 20:26	CH	EET MID

Client Sample ID: F-32

Date Collected: 06/12/25 10:35
Date Received: 06/13/25 15:04

Lab Sample ID: 880-59297-2

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			4.97 g	5 mL	112209	06/13/25 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112157	06/13/25 22:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			112312	06/13/25 22:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			112329	06/14/25 02:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	112168	06/13/25 09:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112175	06/14/25 02:22	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	112255	06/14/25 14:18	SMC	EET MID
Soluble	Analysis	300.0		5			112266	06/15/25 20:34	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: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, 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	06-30-25

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: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, 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	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Fed Com

Job ID: 880-59297-1
SDG: Near Jal, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-59297-1	F-31	Solid	06/12/25 10:30	06/13/25 15:04	4'
880-59297-2	F-32	Solid	06/12/25 10:35	06/13/25 15:04	4'

eurofins | 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 N

www.xenco.co

880-59297 Chain of Custody

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC Companies	Company Name:	
Address:	10 Desta Dr.	Address:	
City, State ZIP:	Midland, TX	City, State ZIP:	
Phone:	432-238-3003	Email	jstoffel@trccompanies.com

Work Orde

Program: UST/PST ☐ PRP ☐ Br ☐ rfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ vel IV ☐
Deliverables: EDD ☐ Al

Project Name:	Azores Fed Com	Turn Around	
Project Number:		☐ Routine ☑ Rush	
Project Location:	Near Jal, NM	Due Date:	24 Hr
Sampler's Name:	Rowan Murphy	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	IR5	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	1.5	
Total Containers:		Corrected Temperature:	1.4	

ANALYSIS REQUEST

Pres. Code

Parameters: TPH (8015M), BTEX (8021B), chloride (E300)

Cool: Cool — MeOH: Me
HCL: HC — HNO_3: HN
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH (8015M)	BTEX (8021B)	chloride (E300)	Sample Comments
F-31	Soil	6/12/2025	1030	4'	Comp	1	x	x	x	
F-32	Soil	6/12/2025	1035	4'	Comp	1	x	x	x	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed — **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U — Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
M Blanchard		6/13/25 1504	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-59297-1
SDG Number: Near Jal, NM

Login Number: 59297
List Number: 1
Creator: Vasquez, Julisa

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	

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

QUESTIONS

Action 482431

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 482431
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2334550060**
Incident Name	**NAPP2334550060 AZORES WATER LINE @ 0**
Incident Type	**Release Other**
Incident Status	**Remediation Closure Report Received**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	AZORES WATER LINE
Date Release Discovered	12/08/2023
Surface Owner	Federal

Incident Details *Please answer all the questions in this group.*	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	Cause: Other | Truck | Crude Oil | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Other | Truck | Produced Water | Released: 168 BBL | Recovered: 140 BBL | Lost: 28 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Other | Truck | Condensate | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 482431
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Jared Stoffel Title: Scientist Email: jstoffel@trccompanies.com Date: 07/08/2025

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QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 482431
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	10400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	09/05/2024
On what date will (or did) the final sampling or liner inspection occur	06/12/2025
On what date will (or was) the remediation complete(d)	06/13/2025
What is the estimated surface area (in square feet) that will be reclaimed	23800
What is the estimated volume (in cubic yards) that will be reclaimed	2700
What is the estimated surface area (in square feet) that will be remediated	23800
What is the estimated volume (in cubic yards) that will be remediated	2700
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 482431
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Jared Stoffel Title: Scientist Email: jstoffel@trccompanies.com Date: 07/08/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 482431
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 482431
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**472589**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**06/12/2025**
What was the (estimated) number of samples that were to be gathered	**2**
What was the sampling surface area in square feet	**800**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	12800
What was the total volume (cubic yards) remediated	2368
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	12800
What was the total volume (in cubic yards) reclaimed	2368
Summarize any additional remediation activities not included by answers (above)	Following denial of previous closure request, an additional approximately 288 cubic yards of soil were removed from the 'safety corridor' as requested by the NMOCD. This revised report documents the previous remediation as well as this additional remedial effort.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Jared Stoffel Title: Scientist Email: jstoffel@trccompanies.com Date: 07/08/2025

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QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 482431
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 482431
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	8/11/2025