



Remediation Summary and Site Closure Request

March 1, 2023

Azores Federal Com 004H

NMOCD Reference Number:
NAPP2124346388

Prepared For:

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Prepared By:

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A handwritten signature in black ink, reading "Jared E. Stoffel", written over a horizontal blue line.

Jared E. Stoffel, PG
Project Manager

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1.0 Introduction and Background Information

TRC Environmental Corporation (TRC), on behalf of ConocoPhillips, LLC (COP), has prepared this *Remediation Summary and Site Closure Request* for the Release Site known as the Azores Federal Com 004H (the Site). The legal description of the Site is Unit Letter “N”, Section 29, Township 24 South, Range 32 East, in Lea County, New Mexico. The subject property is owned by the federal government and administered by the Bureau of Land Management (BLM). The GPS coordinates for the Site are N 32.181389° W 103.698889. Figure 1 depicts the site location.

On August 22, 2021, COP discovered fluids released on the edge of a pad and lease road. The flow lines corroded, resulting in the release. Approximately 0.324 barrels (bbls) of crude oil and 6.153 barrels (bbls) of produced water was released.

On August 31, 2021, COP notified the New Mexico Oil and Conservation Division (NMOCD) of the Release. The Release was assigned an NMOCD Reference number of NAPP2124346388. On August 31, 2021, the initial Release Notification and Corrective Action (Form C-141) was submitted to the NMOCD. No fluids were recovered during initial response activities. A copy of the submitted Form C-141 for the Release is provided in **Appendix A**.

A groundwater database maintained by the New Mexico Office of the State Engineer (NMOSE) identified no registered water wells within 0.5 miles of the Site. A soil boring was installed within 250 feet of the Release to a depth of 105 feet below ground surface (bgs) and left open for 72 hours. Following the 72-hour interval, the borehole was gauged and determined dry. The soil boring data indicated the groundwater underlying the Site is greater than 100 feet bgs. In addition, the Site is within a low karst classified area. No surface water was observed within one thousand (1,000) ft of the Release. An aerial map of the Site location is provided as **Figure 2**.

2.0 Site Characterization

The Site is underlain by deep groundwater (greater than 100 feet bgs) and is within a low karst classified area. Due to the groundwater depth and karst classification, the NMOCD Closure Criteria are as follows for the Azores Federal Com 004H:

- Total Petroleum Hydrocarbons (TPH): 2,500 mg/kg
- Gasoline Range Organics (GRO) + Diesel Range Organics (DRO): 1,000 mg/kg
- Benzene: 10 mg/kg
- Total Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX): 50 mg/kg
- Chlorides: 20,000 mg/kg

However, the upper 4 feet of the Site are subject to the most stringent NMOCD closure criteria (TPH: 100 mg/kg, Chloride 600 mg/kg, Benzene 10 mg/kg, BTEX 50 mg/kg) for reclamation purposes.



3.0 NMOCD Approved Work Plan

On March 17, 2022, a remediation workplan was submitted to the New Mexico Oil Conservation Division (NMOCD) by WSP USA, on behalf of COP. Depth to groundwater at the Site is deeper than 100 ft bgs based on an installed depth to groundwater boring.

Based on laboratory results provided in the workplan, COP proposed to excavate the areas to below NMOCD Closure Criteria in the areas representative of PH-01 through PH-05.

- Excavation of impacted soil will range from a depth of 4 ft bgs to 8 ft bgs.
- Excavation activities will proceed until the final excavation extent confirms compliance with Site Closure Criteria.
- Impacted soil will be disposed of at a licensed disposal facility.
- Following removal of impacted soil, five-point composite confirmation samples will be collected from the sidewalls and floor of the excavation.
- Composite samples will represent a 200-square foot sampling area.
- Collected samples will 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.
- Once excavation activities are concluded and removed, the excavation will be backfilled with material purchased locally and recontoured to match pre-existing site conditions.

The NMOCD approved the workplan with no additional stipulations. The approved workplan is provided as **Appendix B**.

4.0 Summary of Soil Remediation Activities

Following removal of 'lay-flat' water lines that were installed on the affected area, soil remediation activities commenced on January 23, 2023 at the Site. An onsite geologist field screened for chloride concentrations to guide the excavation activities, both laterally and vertically, in the areas not delineated by the soil borings. The Release footprint, as indicated by COP, was excavated to a depth of approximately 4.25 to 9 ft bgs, and the footprint was laterally extended until chloride field screen results and olfactory and visual evidence indicated soils were below NMOCD closure criteria. In-place pipelines were excavated around to the maximum extent practicable. Figure 4 depicts the excavation footprint and the associated soil sample locations. All soil was staged on polyvinyl sheeting adjacent to the excavation until it was transported to the R360 Red Bluff facility.

Confirmation soil samples were collected from the sidewalls and floor of the excavation on a one five-point composite soil sample per 200 square foot basis. Each soil sample was submitted to Xenco Eurofins in Midland, TX for TPH analysis by Method 8015M, BTEX analysis by EPA 8021B, and chloride analysis by Method 300.0.



Confirmation soil samples CS-1 @ 8.5', CS-2 @ 8.5', CS-3 @ 8.5', CS-4 @ 8.5', CS-5 @ 8.5', CS-6 @ 2.5', CS-7 @ 2.5', CS-8 @ 2.5', CS-9 @ 2.5', CS-10 @ 2.5', CS-11 @ 6.5', CS-12 @ 6.5', CS-13 @ 6.5', CS-14 @ 6.5', CS-15 @ 6.5', CS-16 @ 4.5', CS-17 @ 4.5', CS-18 @ 4.5', CS-19 @ 4.5', CS-20 @ 7.5', CS-21 @ 7.5', CS-22 @ 7.5', CS-23 @ 7.5', and CS-24 @ 7.5' were collected from the initial floor of the excavation. Working from east to west, the approximately 8.5 foot excavation to the east is bounded by sidewall soil samples CS-SW-1 through CS-SW-5, the approximately 2.5 foot excavation by CS-SW-5 through CS-SW-8, the approximately 6.5 foot excavation by CS-SW-8 through CS-SW-12, the approximately 4.5 foot excavation by CS-SW-13 through CS-SW-16, the westernmost approximately 8.5 foot excavation by CS-SW-16, CS-SW-17, and CS-SW-21, and the approximately 7.5 foot excavation by CS-SW-18 through CS-SW-20. A review of submitted soil samples indicated that each submitted floor confirmation soil sample exhibited COC concentrations below NMOCD regulatory guidelines with the exception of CS-6 @ 2.5', CS-7 @ 2.5', CS-8 @ 2.5', CS-9 @ 2.5', CS-10 @ 2.5', CS-20 @ 7.5', and CS-21 @ 7.5'. Additionally, each sidewall confirmation soil sample exhibited COC concentrations below NMOCD regulatory guidelines with the exception of CS-SW-9, CS-SW-13, CS-SW-14, CS-SW-17, CS-SW-18, CS-SW-19, CS-SW-20, and CS-SW-21. Each of the areas represented by soil samples that exhibited COC concentrations above NMOCD guidelines were addressed by additional excavation. The approximate 2.5-foot excavation was vertically excavated to a depth of approximately 4.25 feet bgs, and CS-6 @ 4.25', CS-7 @ 4.25', CS-8 @ 4.25', CS-9 @ 4.25', and CS-10 @ 4.25' were collected from the base of the excavation area. The approximately 7.5-foot excavation represented by soil sample locations CS-20 and CS-21 was vertically excavated to a depth of approximately 8.5 feet bgs, and soil samples CS-20 @ 8.5' and CS-21 @ 8.5' were collected from the base of the excavation. The eastern excavation footprint was laterally advanced to the north in the area represented by soil sample CS-SW-9 and sidewall sample CS-SW-9A was collected from the fresh sidewall. The excavation area to the west was laterally expanded to the south, west, east and north to the maximum extent practicable around the existing pipeline and sidewall soil samples CS-SW-13A, CS-SW-14A, CS-SW-17A, CS-SW-18A, CS-SW-19A, CS-SW-20A, and CS-SW-21A were collected from the fresh sidewalls. The northern expansion of the excavation was excavated to a depth of 4.25 feet bgs, and two additional floor samples, CS-25 @ 4.25' and CS-26 @ 4.25', were collected from the base of the excavation. Additional floor and sidewall samples were submitted to Xenco Laboratories for TPH, BTEX, and chloride analyses. A review of the laboratory analytical reports indicated the additional soil samples exhibited COC concentrations below NMOCD regulatory guidelines. Photographic documentation of the remediation activities is provided as **Appendix C**. Laboratory analytical packets are provided as **Appendix D**.

The analytical results indicated each remaining in-situ soil sample exhibited TPH, BTEX, and 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 backfill material. The site was contoured and compacted to meet COP requirements. All excavated soils were transported offsite to the North Delaware Basin disposal facility.



5.0 Site Closure Request

Remediation activities were conducted in accordance with the NMOCD approved workplan and NMOCD regulatory guidelines. Laboratory analytical results from excavation confirmation soil samples indicated COC concentrations were below the NMOCD regulatory guidelines in the remaining in-situ floor and sidewall sample locations. Soil with chloride concentrations above NMOCD regulatory guidelines, approximately 1,640 cubic yards, was transported to the North Delaware Basin disposal facility, and the Site was returned to grade with locally sourced non-impacted backfill material. Based on laboratory analytical results and field activities conducted to date, TRC recommends COP provide copies of this Remediation Summary and Site Closure Request to the NMOCD and request closure status to the Azores Federal Com 4H Release Site.

6.0 Limitation

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

TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

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

7.0 Distribution

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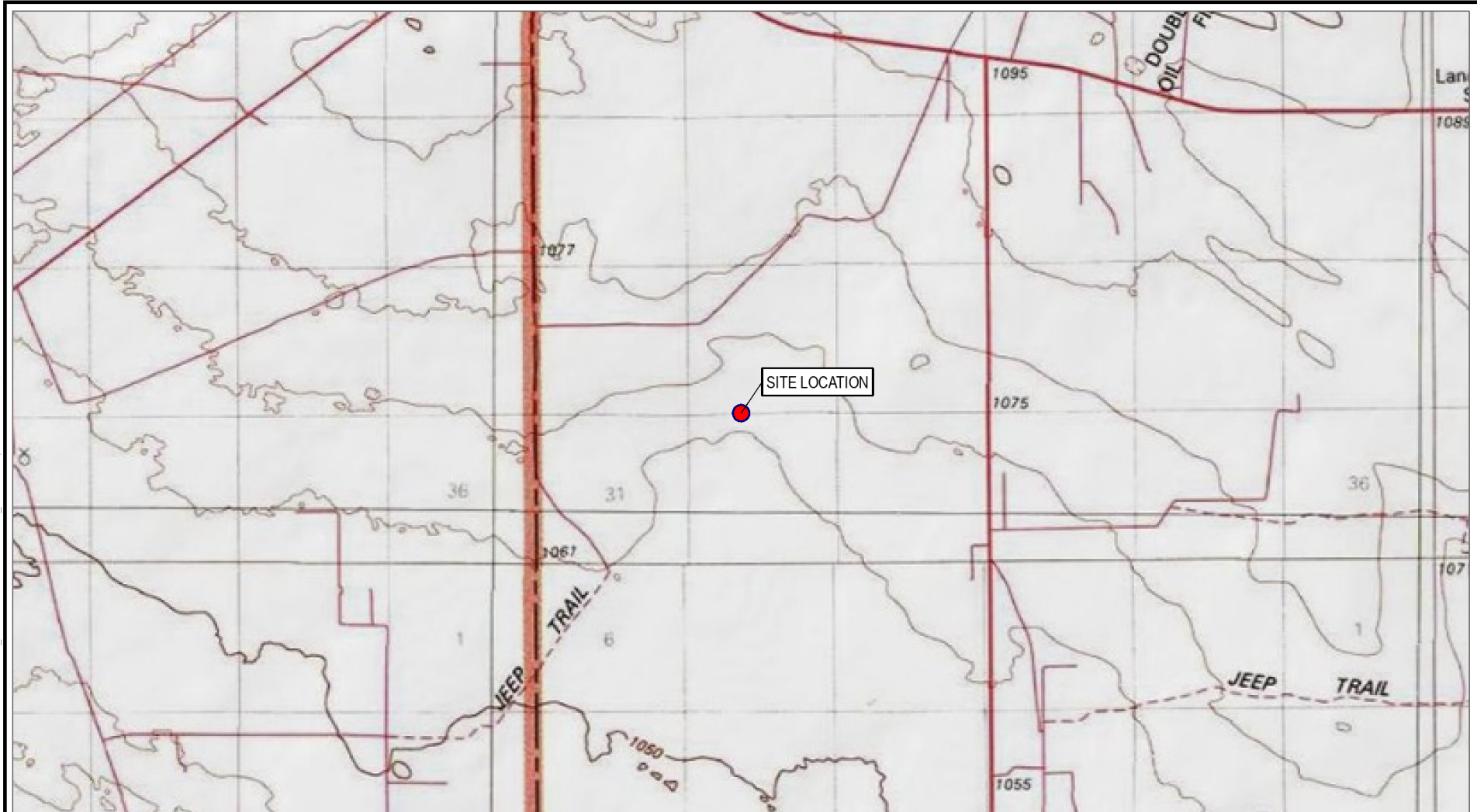
Azores Federal Com #004H Confirmation Samples													
Sample Name	Date	Soil Status	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO)- C6 C10 (mg/kg)	Diesel Range Organics (DRO) C11- C28 (mg/kg)	GRO + DRO (mg/kg)	Oil Range 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
Floor Confirmation Samples													
CS-1 @ 8.5'	01/25/2023	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	188
CS-2 @ 8.5'	01/25/2023	In-Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	59.0*+	59.0	<49.9	59.0	186
CS-3 @ 8.5'	01/25/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	182
CS-4 @ 8.5'	01/25/2023	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	183
CS-5 @ 8.5'	01/25/2023	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	192
CS-6 @ 2.5'	01/25/2023	Excavated	<0.00200	0.0228	0.00375	0.207	0.234	651	1940	2591	300	2890	737
CS-6 @ 4.25'	1/30/2023	In-Situ	<0.000381	<0.000451	<0.000559	<0.00100	<0.00100	35.0 J	18.0 J	53.0 J	<15.0	53.0	45.3
CS-7 @ 2.5'	01/25/2023	Excavated	<0.00199	0.0316	0.0166	0.254	0.302	861	1700	2561	245	2810	764
CS-7 @ 4.25'	1/30/2023	In-Situ	<0.000383	<0.000453	<0.000562	0.000355 J	0.000355 J	16.3 J	17.5 J	33.8 J	<15.0	33.8 J	43.7
CS-8 @ 2.5'	01/25/2023	Excavated	<0.00199	0.0123	0.00723	0.159	0.179	645	1760	2405	270	2680	773
CS-8 @ 4.25'	1/30/2023	In-Situ	<0.000383	<0.000454	<0.000563	<0.000343	<0.000383	34.8 J	17.4 J	52.2 J	<15.0	34.8 J	44.1
CS-9 @ 2.5'	01/25/2023	Excavated	<0.00200	0.0338	0.0306	0.327	0.391	696	2340	3036	356	3390	806
CS-9 @ 4.25'	1/30/2023	In-Situ	<0.000386	<0.000457	<0.000566	<0.000345	<0.000386	36.1 J	17.5 J	51.6 J	<15.0	51.6 J	43.0
CS-10 @ 2.5'	01/25/2023	Excavated	<0.00201	0.0382	0.0325	0.360	0.431	636	2370	3006	338	3340	774
CS-10 @ 4.25'	1/30/2023	In-Situ	<0.000383	0.000973 J	<0.000563	0.00152 J	0.002493	36.3 J	16.7 J	53.0 J	<15.0	53.0 J	46.3
CS-11 @ 6.5'	01/25/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	62.1	62.1	<50.0	62.1	442
CS-12 @ 6.5'	01/25/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	444
CS-13 @ 6.5'	01/25/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	482
CS-14 @ 6.5'	01/25/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	108	108	<50.0	108	189
CS-15 @ 6.5'	01/25/2023	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	74.5	74.5	<49.9	74.5	167
CS-16 @ 4.5'	1/26/2023	In-Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	21.2
CS-17 @ 4.5'	1/26/2023	In-Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	16.2
CS-18 @ 4.5'	1/26/2023	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	148
CS-19 @ 4.5'	1/26/2023	In-Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	148
CS-20 @ 7.5'	1/26/2023	Excavated	0.290	5.58	4.09	40.2*- *1	46.0	794	2410	3204	369	3,570	1,970
CS-20 @ 8.5'	2/3/2023	In-Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	9.06
CS-21 @ 7.5'	1/26/2023	Excavated	0.348	5.59	3.48	19.3	28.7	951	2150	3101	378	3,480	1,920
CS-21 @ 8.5'	2/3/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	11.1
CS-22 @ 7.5'	1/26/2023	In-Situ	<0.00200	0.00267	<0.00200	<0.00399	<0.00399	<49.9	161	161	74.2	235	8,580
CS-23 @ 7.5'	1/26/2023	In-Situ	<0.00201	0.00427	<0.00201	<0.00402	0.00427	<49.9	134	134	<49.9	134	8,470
CS-24 @ 7.5'	1/26/2023	In-Situ	<0.00200	0.00221	<0.00200	<0.00401	<0.00401	<49.9	85.3	85.3	<49.9	85.3	8,640
CS-25 @ 4.25'	2/3/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	11.6
CS-26 @ 4.25'	2/3/2023	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	11.0

Azores Federal Com #004H Confirmation Samples													
Sample Name	Date	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
Sidewall Confirmation Samples													
CS-SW-1 @ 4.25'	01/25/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	77.4
CS-SW-2 @ 4.25'	01/25/2023	In-Situ	<0.00200	0.00205	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	97.6
CS-SW-3 @ 4.25'	01/25/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	425
CS-SW-4 @ 4.25'	01/25/2023	In-Situ	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	21.2
CS-SW-5 @ 5.5'	01/25/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	21.1
CS-SW-6 @ 4.25'	01/25/2023	In-Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	<5.01
CS-SW-7 @ 1.25'	01/25/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<4.98
CS-SW-8 @ 1.25'	01/25/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	522
CS-SW-9 @ 3.25'	01/25/2023	Excavated	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	648
CS-SW-9a @ 3.25'	1/30/2023	In-Situ	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	35.9 J	19.0 J	45.9 J	<15.0	54.9 J	60.3
CS-SW-10 @ 3.25'	01/25/2023	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	34.6
CS-SW-11 @ 3.25'	01/25/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	31.1
CS-SW-12 @ 3.25'	01/25/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<49.9	<50.0	<50.0	15.3
CS-SW-13 @ 2.25'	1/26/2023	Excavated	<0.00198	0.0051	<0.00198	0.00641	0.0115	<49.9	470	470	88.0	558	33.2
CS-SW-13a @ 2.25'	2/3/2023	In-Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	5.24
CS-SW-14 @ 2.25'	1/26/2023	Excavated	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	163	163	<50.0	163	227
CS-SW-14a @ 2.25'	2/3/2023	In-Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	9.75
CS-SW-15 @ 2.25'	1/26/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	35.8
CS-SW-16 @ 6'	1/26/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	521	521	<50.0	619	34.4
CS-SW-17 @ 3.75'	1/26/2023	Excavated	<0.00201	<0.00201	0.00368	<0.00402	<0.00402	<50.0	159	159	<50.0	159	2,310
CS-SW-17a @ 3.75'	2/3/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	11.3
CS-SW-18 @ 3.75'	1/26/2023	Excavated	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	132	132	<49.9	132	2,460
CS-SW-18a @ 3.75'	2/3/2023	In-Situ	<0.00199	<0.00199	<0.00199	0.00398	0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	12.4
CS-SW-19 @ 3.75'	1/26/2023	Excavated	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	668
CS-SW-19a @ 3.75'	2/3/2023	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	15.4
CS-SW-20 @ 3.75'	1/26/2023	Excavated	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	605
CS-SW-20a @ 3.75'	2/3/2023	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	11.9
CS-SW-21 @ 3.75'	1/26/2023	Excavated	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	156	156	<49.9	156	2,250
CS-SW-21a @ 3.75'	2/3/2023	In-Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	15.4

Soil Sample Exhibits COC Concentrations above NMOCD Guidelines

Note: Floor Confirmation Soil Samples donoted by CS-XX on Figure 4 for brevity
Note: Sidewall Confirmation Soil Samples denoted by SW-XX on Figure 4 for brevity

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET, MAP ROTATION: 0
 --SAVED BY: MHORN ON 2/28/2023, 10:53:14 AM, FILE PATH: T:\PROJECTS\CONOCOPHILLIPS\499166_AZORES\2-APRX\AZORES_COP.APPX, LAYOUT NAME: FIG 1 SITE LOC TOPO



● SITE LOCATION

PROJECT:
CONOCOPHILLIPS AZORES FEDERAL COM 4H
LEA COUNTY, NM

TITLE:
TOPOGRAPHICAL MAP

DRAWN BY: M. HORN PROJ. NO.: 499166.0000.0000

CHECKED BY: J. STOFFEL

APPROVED BY: J. STOFFEL

DATE: FEBRUARY 2023

FIGURE 1

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



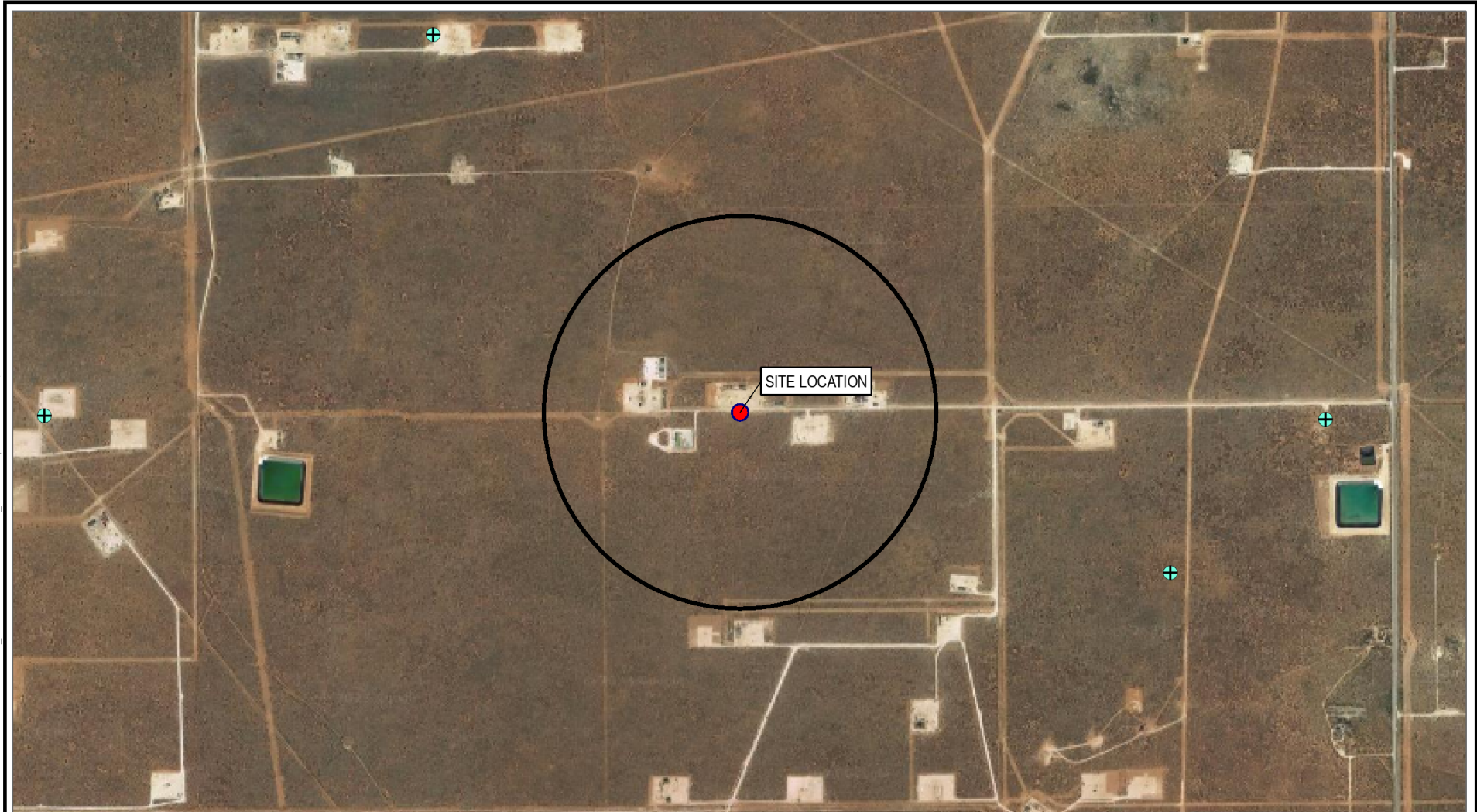
0 0.5 1 MILE
 1:63,360 1" = 1 MILE



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

FILE: AZORES_COP

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET, MAP ROTATION: 0
 -- SAVED BY: MHORN ON 2/28/2023, 10:53:14 AM -- FILE PATH: T:\PROJECTS\CONOCOPHILLIPS\499166_AZORES\2-APR\AZORES_COP.APRX -- LAYOUT NAME: FIG 2 AERIAL



- SITE LOCATION
- + WATER WELL
- 1/2 MILE RADIUS

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:
CONOCOPHILLIPS AZORES FEDERAL COM 4H
LEA COUNTY, NM

TITLE:
AERIAL MAP

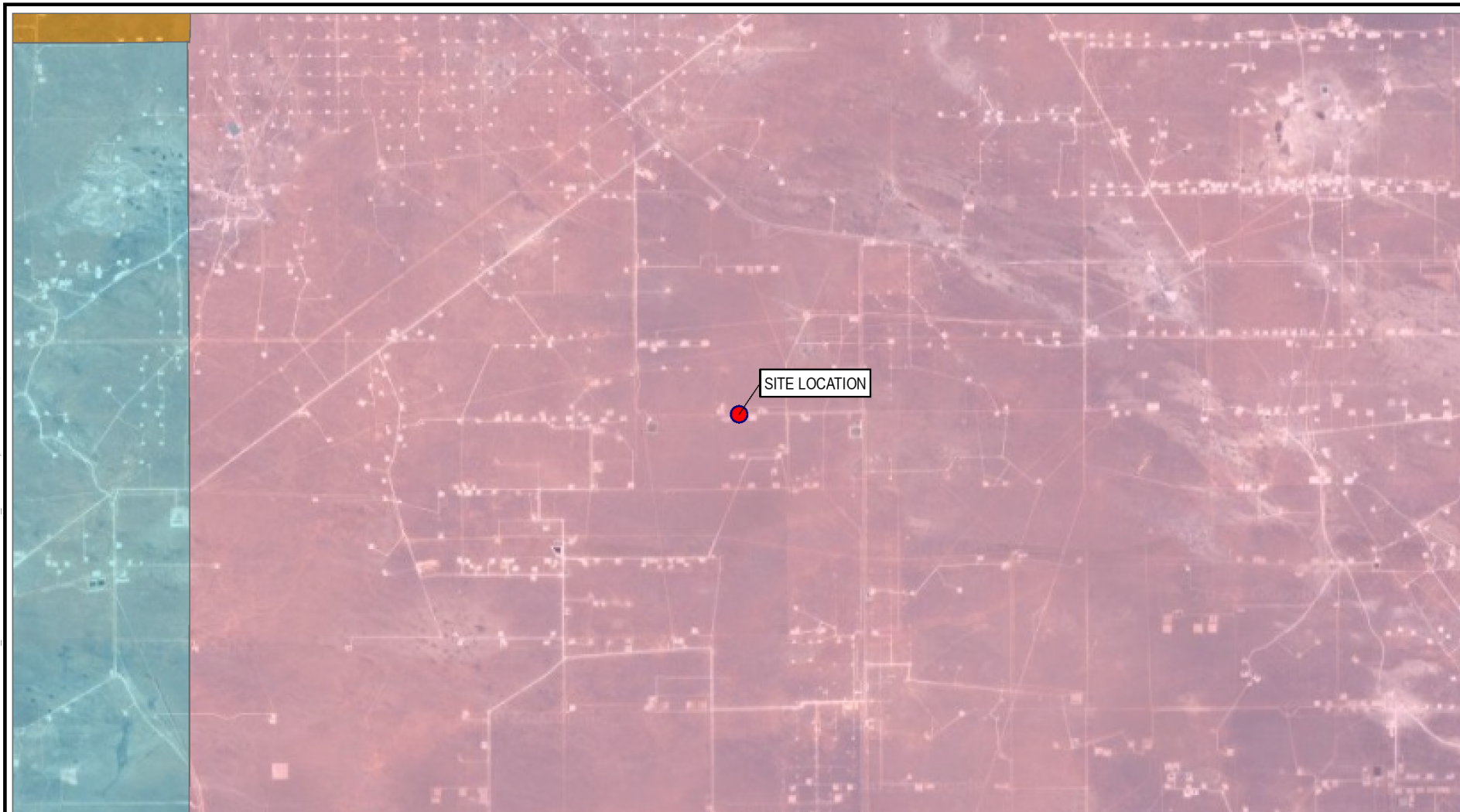
DRAWN BY: M. HORN	PROJ. NO.: 499166.0000.0000
CHECKED BY: J. STOFFEL	FIGURE 2
APPROVED BY: J. STOFFEL	
DATE: FEBRUARY 2023	



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

FILE: AZORES_COP

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET, MAP ROTATION: 0
 -- SAVED BY: M.HORN ON 2/28/2023, 10:53:14 AM. FILE PATH: T:\PROJECTS\CONOCOPHILLIPS\499166_AZORES\2-AZORES\COP APPX. LAYOUT NAME: FIG 3 KARST



- SITE LOCATION
- LOW KARST POTENTIAL
- MEDIUM KARST POTENTIAL
- HIGH KARST POTENTIAL

PROJECT:
CONOCOPHILLIPS AZORES FEDERAL COM 4H
LEA COUNTY, NM

TITLE:
KARST POTENTIAL MAP

DRAWN BY: M. HORN	PROJ. NO.: 499166.0000.0000
CHECKED BY: J. STOFFEL	FIGURE 3
APPROVED BY: J. STOFFEL	
DATE: FEBRUARY 2023	

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

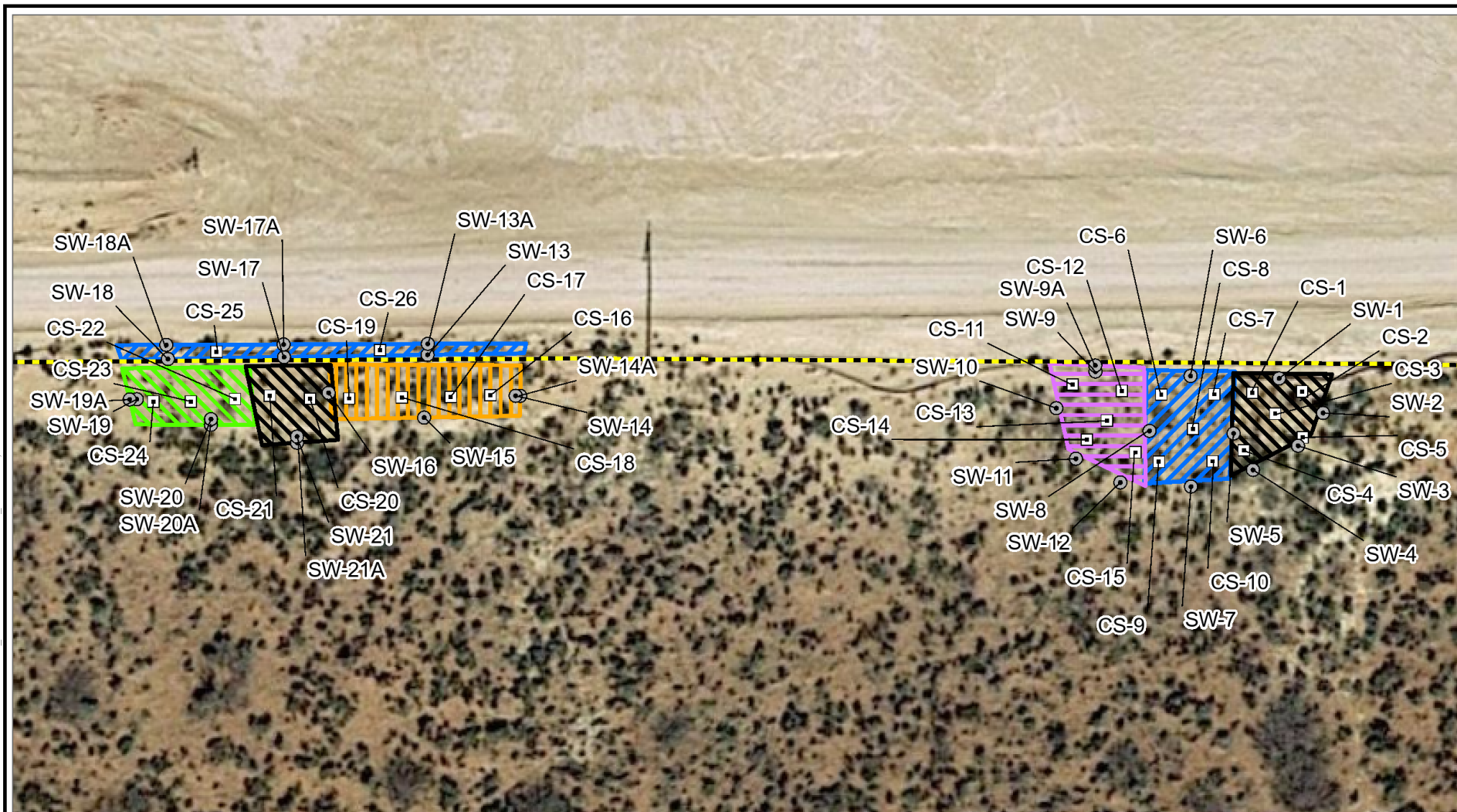


0 1 2 MILES
 1:126,720 1" = 2 MILES



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

FILE: AZORES COP



- | | | | |
|---|-----------------------------------|---|----------------------|
|  | FLOOR CONFIRMATION SOIL SAMPLE |  | 6.5" EXCAVATION AREA |
|  | SIDEWALL CONFIRMATION SOIL SAMPLE |  | 7.5' EXCAVATION AREA |
|  | 4.25' EXCAVATION AREA |  | 8.5' EXCAVATION AREA |
|  | 4.5' EXCAVATION AREA |  | COP BURIED FLOWLINE |

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



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

PROJECT: CONOCOPHILLIPS AZORES FEDERAL COM 4H
LEA COUNTY, NM

TITLE: **SITE AND SAMPLE LOCATION MAP**

DRAWN BY:	M. HORN	PROJ. NO.:	499166.0000.0000
-----------	---------	------------	------------------

CHECKED BY: J. STOFFEL

APPROVED BY: J. STOFFEL

DATE: FEBRUARY 2023

FIGURE 4



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

FILE:	AZORES COP
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**Appendix A: NMOCD Approved Workplan – Analytical Appendix
Removed**



WSP USA

3300 North "A" Street
Building 1, Unit 222
Midland, Texas 79705
432.704.5178

March 17, 2022

District I
New Mexico Oil Conservation Division
1625 N. French Drive
Hobbs, New Mexico 88240

**RE: Remediation Work Plan
Azores Federal Com 004H
Incident Number NAPP2124346388
Lea County, New Mexico**

To Whom It May Concern:

WSP USA Inc. (WSP) on behalf of COG Operating, LLC (COG), presents the following Remediation Work Plan (Work Plan) detailing site assessment activities completed to date and proposing additional remedial actions to address the impacted soil resulting from a release at the at the Azores Federal Com 004H (Site) in Unit N, Section 29, Township 24 South, Range 32 East, in Lea County, New Mexico (Figure 1).

RELEASE BACKGROUND

On August 22, 2021, corrosion caused a pinhole in the flow line, resulting in the release of approximately 0.324 barrels (bbls) of crude oil and 6.153 bbls of produced water into the adjacent pasture. No released fluids were recovered. COG reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on August 31, 2021. The release was assigned Incident Number NAPP2124346388.

SITE CHARACTERIZATION

WSP characterized the Site according to Table 1, *Closure Criteria for Soils Impacted by a Release*, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Depth to groundwater at the Site is greater than 100 feet below ground surface (bgs) based on a recent soil boring drilled for determination of regional groundwater depth. During February 2022, WSP installed a soil boring (BH01) within 0.5 miles of the Site utilizing a truck-mounted hollow-stem auger rig. Soil boring BH01 was drilled to a depth of 105 feet bgs. A WSP geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The borehole lithologic/soil sampling log is included in Attachment 1. The location of the borehole is approximately 240 feet northwest of the site and is depicted on Figure 1. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed



that groundwater beneath the Site is greater than 105 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips.

The closest continuously flowing water or significant watercourse to the Site is an emergent palustrine, located approximately 1.1 miles northeast of the Site. The Site is greater than 200 feet of a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

CLOSURE CRITERIA

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

A reclamation standard of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top four feet of the pasture area that was impacted by the release, per NMAC 19.15.29.13.D (1) for the top four feet of areas that will be reclaimed following remediation.

SITE ASSESSMENT ACTIVITIES AND ANALYTICAL RESULTS

On September 7, 2021, WSP personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. WSP personnel collected three preliminary assessment soil samples (SS01 through SS03) within the release extent from a depth of approximately 0.5 feet bgs to assess the lateral extent of impacted soil. Soil from the preliminary soil samples was field screened for volatile aromatic hydrocarbons and chloride utilizing a calibrated photo-ionization detector (PID) and Hach® chloride QuanTab® test strips, respectively. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2.

The preliminary soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C) under strict chain-of-custody (COC)



procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (USEPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following USEPA Method 8015M/D; and chloride following USEPA Method 300.0.

Laboratory analytical results for preliminary soil samples SS01 through SS03 indicated that TPH-GRO/TPH-DRO, TPH, and chloride concentrations exceeded the Site Closure Criteria and/or the reclamation standards. Based on visible observations and laboratory analytical results for preliminary samples SS01 through SS03, additional remediation activities were warranted.

While at the Site, WSP personnel observed a potential second release approximately 40 feet west of the subject Azores Fed #004H release location. The second release extent measured approximately 1,304 square feet and traveled 25 feet from the lease road into the adjacent pasture. The release extent was mapped utilizing a handheld Global Positioning System (GPS) unit and is depicted on Figure 2. WSP completed field screening of surface soil within the potential release extent, using a PID and Hach® chloride QuanTab® test strips. Field screening results indicated that TPH concentrations were elevated. The release appeared to be from the same flow line as the Azores Federal Com 004H release, but a separate occurrence. Based on visible staining and field screening results, additional remediation activities were warranted.

DELINEATION SOIL SAMPLING AND ANALYTICAL RESULTS

On October 8, 2021, WSP personnel returned to the Site to complete delineation activities. Five potholes (PH01 through PH05) were advanced via backhoe within the release extents to delineate the vertical extent of impacted soil. Potholes PH01 through PH03 were advanced via backhoe within the eastern release extent and potholes PH04 and PH05 were advanced within the western release extent. The potholes were advanced to a maximum depth of 16 feet bgs. Delineation soil samples were collected from the potholes at depths ranging from 1-foot bgs to 16 feet bgs. The delineation soil samples were field screened for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach® chloride QuanTab® test strips, respectively. Field screening results and observations for the potholes were logged on lithologic/soil sampling logs, which are included in Attachment 1. The delineation pothole soil samples were collected, handled, and analyzed as described above and submitted to Eurofins in Carlsbad, New Mexico. The release extents and delineation soil sample locations are depicted on Figure 3. Photographic documentation was completed during the Site assessment and a photographic log is included in Attachment 2.

Laboratory analytical results for the delineation soil samples collected from potholes PH01 through PH05 indicated that TPH-GRO/TPH-DRO, TPH, and chloride concentrations exceeded the Site Closure Criteria and/or the reclamation standards at depths ranging from 1-foot to 8 feet bgs in the eastern release area and 1-foot to 7 feet bgs in the western release area. The terminal depth sample in each pothole was below 600 mg/kg for chloride and 100 mg/kg for TPH. The



District I
Page 4

analytical results are summarized on Table 1 and laboratory analytical reports are included in Attachment 3.

Based on the laboratory analytical results, the impacted soil was successfully defined. Additionally, the stained area west of the reported release identified during initial site assessment activities was confirmed as a historical nonreportable release, potentially from the same flow line. COP plans to address both releases at the same time.

PROPOSED REMEDIATION WORK PLAN

An estimated 975 cubic yards of impacted soil is present within the subsurface at the Site. WSP and COP propose to excavate the impacted soil in the release areas to depths ranging from 4 feet to 8 feet bgs. Excavation activities will proceed until the final excavation samples confirm compliance with the Site Closure Criteria and with the reclamation standards for samples collected in the top four feet of the subsurface. The impacted soil will be disposed of at a licensed disposal facility.

Following removal of impacted soil, 5-point composite confirmation samples will be collected from the sidewalls and floors of the excavations. The 5-point composite samples will be collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. The composite samples will represent a maximum 200 square foot sampling area. The excavation soil samples will be collected and handled following the same procedures as described above and analyzed at Eurofins in Carlsbad, New Mexico. Once COP has confirmed all impacted soil has been successfully removed, the excavation will be backfilled with material purchase locally and recontoured to match pre-existing site conditions. The disturbed pasture areas will be re-seeded with an approved BLM seed mixture.

COP anticipates beginning remediation within 90 days of receipt of the approved remediation work plan. A final report requesting closure will be submitted within 30 days of receipt of final laboratory analytical results. The Form C-141 requesting approval of this work plan is included in Attachment 4.

If you have any questions or comments, please do not hesitate to contact Ms. Aimee Cole at (720) 384-7365.

Sincerely,

WSP USA Inc.

A handwritten signature in black ink that reads "Kaeli Jennings".

A handwritten signature in black ink that reads "Aimee Cole".



District I
Page 5

Kalei Jennings
Consultant, Environmental Scientist

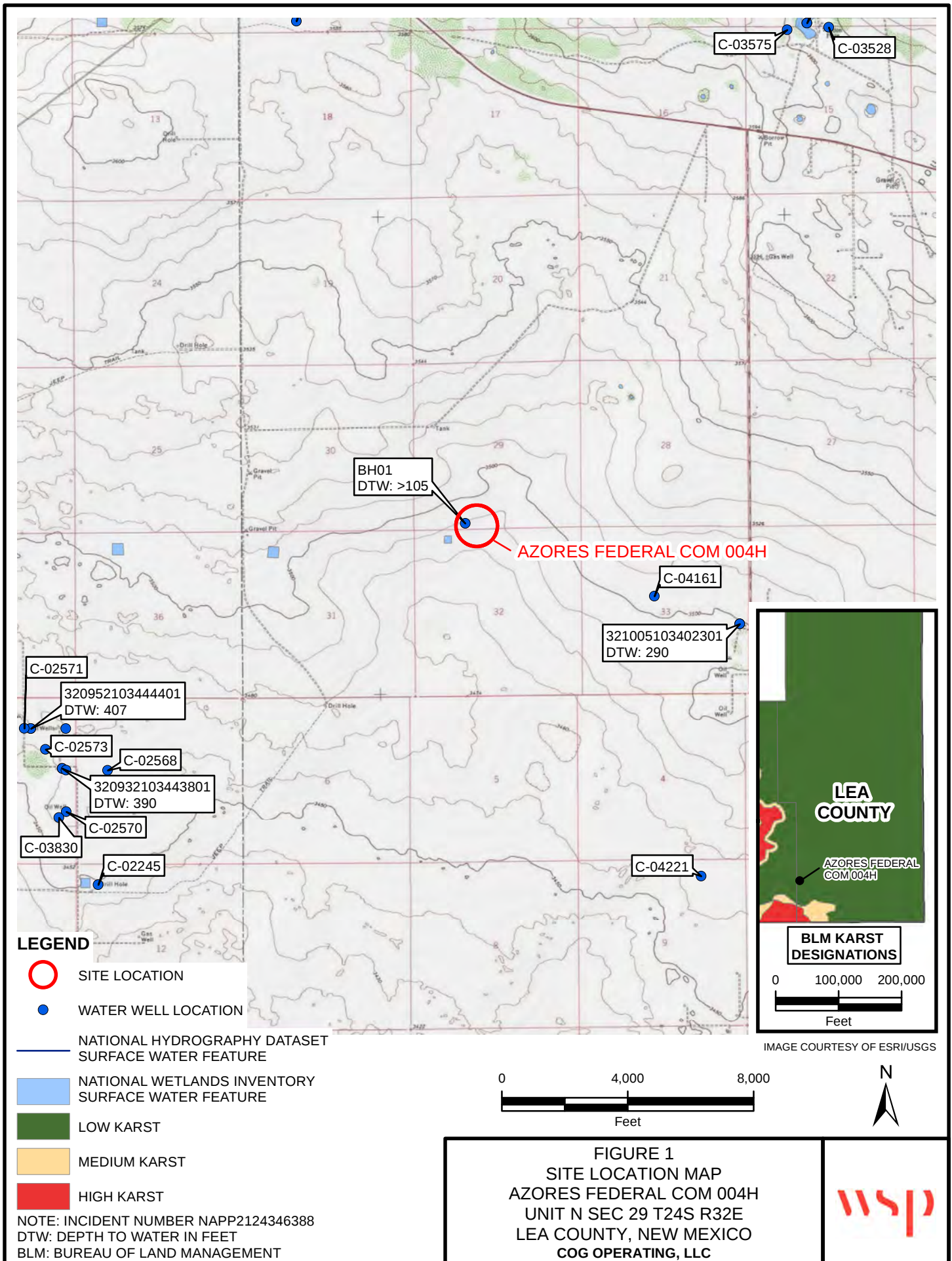
Aimee Cole
Sr. Consultant, Environmental Scientist

cc: Charles Beauvais, COG Operating, LLC
Bureau of Land Management

Attachments:

Figure 1 Site Location Map
Figure 2 Preliminary Soil Sample Locations
Figure 3 Delineation Soil Sample Locations
Table 1 Soil Analytical Results
Attachment 1 Lithologic / Soil Sampling Logs
Attachment 2 Photographic Log
Attachment 3 Laboratory Analytical Reports
Attachment 4 Final C-141

FIGURES



**LEGEND**

IMAGE COURTESY OF ESRI



RELEASE LOCATION

PRELIMINARY SOIL SAMPLE WITH CONCENTRATIONS
EXCEEDING APPLICABLE CLOSURE CRITERIA

RELEASE EXTENT



HISTORICAL NON-REPORTABLE RELEASE EXTENT

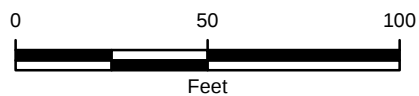
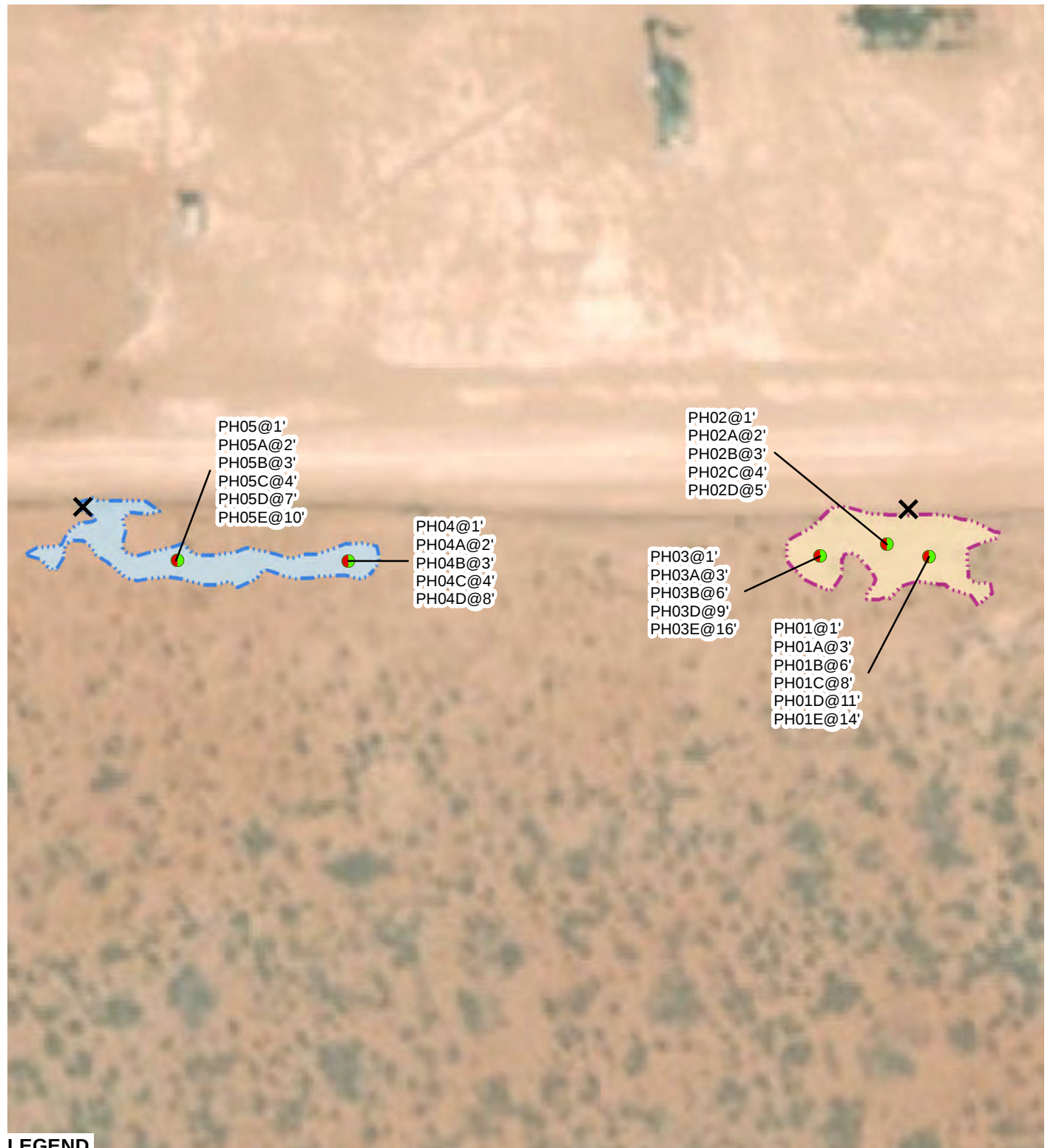
NOTE: INCIDENT NUMBER NAPP2124346388
SAMPLE ID@DEPTH BELOW GROUND SURFACE (FEET)

FIGURE 2
PRELIMINARY SOIL SAMPLE LOCATIONS
 AZORES FEDERAL COM 004H
 UNIT N SEC 29 T24S R32E
 LEA COUNTY, NEW MEXICO
 COG OPERATING, LLC



**LEGEND**

RELEASE LOCATION

DELINEATION SOIL SAMPLE WITH CONCENTRATIONS
PREVIOUSLY EXCEEDING APPLICABLE CLOSURE CRITERIA

RELEASE EXTENT



HISTORICAL NON-REPORTABLE RELEASE EXTENT

NOTE: INCIDENT NUMBER NAPP2124346388
SAMPLE ID@DEPTH BELOW GROUND SURFACE (FEET)

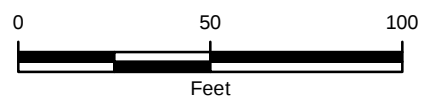


IMAGE COURTESY OF ESRI

FIGURE 3
DELINEATION SOIL SAMPLE LOCATIONS
AZORES FEDERAL COM 004H
UNIT N SEC 29 T24S R32E
LEA COUNTY, NEW MEXICO
COG OPERATING, LLC



TABLES

Table 1

Soil Analytical Results
Azores Federal Com 004H
Incident Number NAPP2124346388
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Preliminary Soil Samples										
SS01	09/07/2021	0-0.5	0.0108	0.076	17,000	456	<250	17,456	17,500	9,010*
SS02	09/07/2021	0-0.5	<0.00202	0.0536	25,300	348	<249	25,648	25,600	745*
SS03	09/07/2021	0-0.5	0.00661	0.0729	13,900	410	<249	14,310	14,300	643*
Delineation Soil Samples										
PH01	10/08/2021	1	0.251	9.46	4,700	915	<49.9	5,615	5,620	428*
PH01A	10/08/2021	3	0.0303	10.9	4,500	1,070	<49.8	5,570	5,570	655*
PH01B	10/08/2021	6	0.0223	50.9	5,310	1,100	858	6,410	7,270	911
PH01C	10/08/2021	8	0.0217	20.5	2,720	562	<50.0	3,282	3,280	1,870
PH01D	10/08/2021	11	<0.00201	0.0799	256	130	<50.0	386	386	375
PH01E	10/08/2021	14	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	152
PH02	10/08/2021	1	0.0977	14.7	5,050	1,040	941	6,090	7,030	320*
PH02A	10/08/2021	2	0.00800	10.6	4,330	868	753	5,198	5,950	1,140*
PH02B	10/08/2021	3	<0.00200	<0.00399	177	<49.9	85.7	177	263	202*
PH02C	10/08/2021	4	<0.403	<0.806	148	<50.0	50.4	148	198	107
PH02D	10/08/2021	5	<0.00199	<0.00398	61.2	<50.0	<50.0	<50.0	61.2	32.2
PH03	10/08/2021	1	0.0165	14.7	4,880	1,090	763	5,970	6,730	918*
PH03A	10/08/2021	3	0.103	16.7	4,780	1,060	799	5,840	6,640	4,420*
PH03B	10/08/2021	6	<0.00199	0.0823	9,320	3,310	1,250	12,630	13,900	9,070
PH03D	10/08/2021	9	<0.00198	0.0408	315	<49.9	<49.9	315	315	521
PH03E	10/08/2021	16	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	140

Table 1

Soil Analytical Results
Azores Federal Com 004H
Incident Number NAPP2124346388
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
PH04	10/08/2021	1	<0.00199	0.0947	1,850	67.3	279	1,917	2,200	469*
PH04A	10/08/2021	2	<0.00199	0.170	2,440	119	348	2,559	2,910	1,200*
PH04B	10/08/2021	3	<0.00199	1.08	2,530	392	338	2,922	3,260	732*
PH04C	10/08/2021	4	<0.00200	0.107	3,840	177	529	4,017	4,550	69.0
PH04D	10/08/2021	8	<0.00198	<0.00397	65.7	<49.9	<49.9	65.7	65.7	18.0
PH05	10/08/2021	1	0.00313	30.3	4,410	855	<50.0	5,265	5,270	43.3*
PH05A	10/08/2021	2	0.0231	21.5	4,160	740	<50.0	4,900	4,900	110*
PH05B	10/08/2021	3	0.187	43.3	6,380	1,320	1,000	7,700	8,700	321*
PH05C	10/08/2021	4	0.00510	0.598	5,770	369	<49.8	6,139	6,140	187
PH05D	10/08/2021	7	0.00615	0.475	1,030	<50.0	132	1,030	1,160	1,020
PH05E	10/08/2021	10	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	514

Notes:

ft - feet/foot

mg/kg - milligrams per kilograms

BTEX - benzene, toluene, ethylbenzene, and total xylenes

TPH - total petroleum hydrocarbons

DRO - diesel range organics

GRO - gasoline range organics

ORO - oil range organics

NMOCD - New Mexico Oil Conservation Division

NMAC - New Mexico Administrative Code

< - indicates result is less than the stated laboratory method practical quantitation limit

NE - Not Established

BOLD - indicates results exceed the higher of the background sample result or applicable regulatory standard

* - indicates sample was collected in area to be reclaimed after remediation is complete;

closure criteria for chloride concentration in the top 4 feet of soil is 600 mg/kg

ATTACHMENT 1: LITHOLOGIC/SAMPLING LOG

 WSP USA 518 West Stevens Street Carlsbad, New Mexico 88502		BH or PH Name: BH01		Date: 2-9-2021				
		Site Name: Azores Fed #4H						
		RP or Incident Number: NAPP2124346388						
		WSP Job Number: 31402909.130						
LITHOLOGIC / SOIL SAMPLING LOG								
Lat/Long: 32.18139, -103.6989			Field Screening: N/A		Logged By: <u>EL</u>	Method: <u>Hollow Stem Air Rotary</u>		
					Hole Diameter: <u>6"</u>	Total Depth: <u>165'</u>		
Comments: <u>Depth to water boring, Lithology Remarks Only</u>								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks
						1	SM	Soft, F grain 15% L
						2		SAND, Fine - medium grain, silty, poorly graded, dry, Reddish Brown, Abundant caliche gravel, Trace clay, Low plasticity / cohesive. No stain, No odor
						3		
						4		
						5		
						6	SAA/ But + trace caliche gravel (same as above)	
						7		
						8		
						9		
						10		SAA/ But color change to light brown,
						11		
						12		
						13		
						14		
						15		SAA
						16		
						17		
						18		
						19		
						20		SAA
						21		
						22		
						23		
						24		
						25		SAA But Abundant Caliche

 WSP USA 508 West Summit Street Carlsbad, New Mexico 88220		BH or PH Name		Date				
		Site Name						
		RP or Incident Number						
		WSP Job Number						
LITHOLOGIC / SOIL SAMPLING LOG								
Lat/Long		Field Screening		Hole Diameter				
				Total Depth				
Comments								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks
						26	SM	
						27		
						28		
						29		Low plasticity,
						30		↓ Cohesive
						31	SC	SAA/But, <u>some</u> clay,
						32		Reddish brown color. No silt
						33		present
						34		
						35		- SAA/But trace caliche gravel
						36		present.
						37		
						38		
						39		
						40		- SAA/But Abundant gypsum
						41		crystals present.
						42		
						43		
						44		
						45		- SAA/But only Fine grain sand,
						46		Trace gypsum crystals present.
						47		(Possible mottling)
						48		Sharp transition to clayey
						49		1 Sand: Fine grain, No caliche
						50		- gravel present, grayish color

 WSP USA 500 West Stevens Street Crisbad, New Mexico 88229		BH or PH Name		Date				
		Site Name:						
		RP or Incident Number:						
		WSP Job Number:						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By:		Method:		
Lat/Long		Field Screening:		Hole Diameter:		Total Depth:		
Comments								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks
						51	SC	Dry Low plasticity, cohesive SAND, clayey, Fine grain, poorly graded Reddish brown, gray colored Sand also present (mottling), Trace gypsum crystals
						52		
						53		
						54		
						55		
						56		
						57		
						58		
						59		
						60		
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						75		

Released to Imaging: 3/8/2023 3:00:03 PM

Released to Imaging: 3/8/2023 3:00:03 PM

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220								BH or PH Name: PH01		Date: 10/08/2021	
								Site Name: Azores Federal Com 004H			
								RP or Incident Number NAPP2124346388			
								WSP Job Number: 31402909.130 Task 02			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: FS		Method: Backhoe	
Lat/Long: 32.1811749, -103.6988874				Field Screening: Chloride, PID				Hole Diameter: N/A		Total Depth: 16.5'	
Comments:											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks			
						0					
D	509	2,749	Y	PH01	1	1	SP	SAND, reddish brown, poorly graded, fine-very fine grain, dark brown staining, strong odor.			
D	565	2,620	Y			2					
D	761	1839	Y	PH01A	3	3	SP	SAA			
D	1,545	2,467	Y			4					
D	1,344	2,233	Y			5					
D	1,159	1,977	Y	PH01B	6	6	SP	SAA			
D	1,344	1,954	Y			7					
D	2,352	1,744	Y	PH01C	8	8	SP	SAA, less staining.			
D	2,352	1,349	Y			9					
D	1,248	1,876	Y			10		SAA, odor starting to dissipate.			
D	308	663.7	N	PH01D	11	11	SP	SAA, no staining.			
D	1,444	1,864	N			12					
D	156	1,774	N			13		SAA, trace caliche gravel.			
D	<156	100.7	N	PH01E	14	14	CCHE	CALICHE, poorly consolidated.			
D	224	223.2	N			15		SAA, minimal odor.			
D	263	1,488	N			16		SAA, odor stronger.			
D	263	649	N			16.5					
TD @ 16.5 ft bgs											

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220								BH or PH Name: PH02		Date: 10/08/2021	
								Site Name: Azores Federal Com 004H			
								RP or Incident Number NAPP2124346388			
								WSP Job Number: 31402909.130 Task 02			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: FS		Method: Backhoe	
Lat/Long: 32.1811872, -103.6989353				Field Screening: Chloride, PID				Hole Diameter: N/A		Total Depth: 7'	
Comments:											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks			
						0					
D	403	1,402	Y	PH02	1	1	SP	SAND, reddish brown, poorly graded, fine-very fine grain, dark brown staining, strong odor.			
D	1,248	1,735	Y	PH02A	2	2	SP	SAA			
D	263	246.7	Y	PH02B	3	3	SP	SAA			
D	190	286	Y	PH02C	4	4	SP	SAA			
D	<156	126.3	Y	PH02D	5	5	SP	SAA, no odor.			
D	263	780.3	Y			6		SAA, very strong odor.			
D	308	27.6	Y			7	CCHE	CALICHE, minimal odor.			
TD @ 7 ft bgs											

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220								BH or PH Name: PH03		Date: 10/08/2021	
								Site Name: Azores Federal Com 004H			
								RP or Incident Number NAPP2124346388			
								WSP Job Number: 31402909.130 Task 02			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: FS		Method: Backhoe	
Lat/Long: 32.1811760, -103.6990116				Field Screening: Chloride, PID				Hole Diameter: N/A		Total Depth: 16.5'	
Comments:											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks			
						0					
D	1,069	1,784	Y	PH03	1	1	SP	SAND, reddish brown, poorly graded, fine-very fine grain, dark brown staining, strong odor.			
D	1,915	1,965	Y			2					
D	3119	1699	Y	PH03A	3	3	SP	SAA, faint odor.			
D	6,675	1,625	Y			4		SAA, very strong odor.			
D	9,066	1,627	Y			5		SAA, start caliche transition.			
D	9,066	1,439	Y	PH03B	6	6	CCHE	CALICHE.			
D	12,275	1,717	Y			7					
D	7,789	1,648	Y			8					
D	453	678.3	Y	PH03D	9	9	CCHE	SAA, odor dissipating.			
D	1,159	1,125	Y			10					
D	224	63.5	N			11		SAA, no odor.			
D	<179	85.7	N			12		SAA, faint odor.			
D	<179	87	N			13					
D	834	383.2	N			14		SAA, strong odor.			
D	224	864.4	N			15					
D	<179	13.9	N	PH03E	16	16	CCHE	SAA			
TD @ 16 ft bgs											

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220								BH or PH Name: PH04		Date: 10/08/2021	
								Site Name: Azores Federal Com 004H			
								RP or Incident Number NAPP2124346388			
								WSP Job Number: 31402909.130 Task 02			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: FS		Method: Backhoe	
Lat/Long: 32.1811741, -103.6995486				Field Screening: Chloride, PID				Hole Diameter: N/A		Total Depth: 12'	
Comments:											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks			
						0					
D	672	429.8	N	PH04	1	1	SP	SAND, reddish brown, poorly graded, fine-very fine grain, strong odor.			
D	1,607	607.3	N	PH04A	2	2	SP	SAA			
D	946	790.2	N	PH04B	3	3	SP	SAA			
D	<151	502.7	N	PH04C	4	4	SP	SAA			
D	<151	422.6	N			5					
D	<151	1,213	N			6	CCHE	CALICHE, very strong odor.			
D	<151	1,271	N			7					
D	<151	96.2	N	PH04D	8	8	CCHE				
D	190	337.8	N			9					
D	<151	267	N			10					
D	<151	60.8	N			11					
D	224	59.3	N			12	CCHE	moderate-well consolidated.			
TD @ 12 ft bgs											

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220								BH or PH Name: PH05		Date: 10/08/2021	
								Site Name: Azores Federal Com 004H			
								RP or Incident Number NAPP2124346388			
								WSP Job Number: 31402909.130 Task 02			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: FS		Method: Backhoe	
Lat/Long: 32.1811724, -103.6996576				Field Screening: Chloride, PID				Hole Diameter: N/A		Total Depth: 10'	
Comments:											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks			
						0					
D	<151	2,133	Y	PH05	1	1	SP	SAND, reddish brown, poorly graded, fine-very fine grain, very dark staining, strong odor.			
D	190	1,808	Y	PH05A	2	2	SP	SAA			
D	498	1,835	Y	PH05B	3	3	SP	SAA			
D	263	868.3	Y	PH05C	4	4	SP	SAA			
D	<151	973.2	Y			5	SP				
D	1,607	1,364	N			6	SP	Transition to caliche.			
D	352	1,191	N	PH05D	7	7	SP	Transition to caliche.			
D	5,700	1,071	N			8	CCHE	CALICHE.			
D	1,024	129.2	N			9	CCHE				
D	448	37.9	N	PH05E	10	10	CCHE	SAA			
TD @ 10 ft bgs											



PHOTOGRAPHIC LOG		
COG Operating, LLC	Azores Federal Com 004H Lea County, New Mexico	NAPP2124346388

Photo No.	Date	
1	September 7, 2021	
Photo of east release extent taken during initial site assessment assigned incident NAPP2124346388.		 A wide-angle photograph showing a desert landscape with reddish-brown soil and sparse green shrubs. Several large black pipes run diagonally across the foreground. In the background, there are industrial structures, including a tall black tower and various tanks, under a clear blue sky.

Photo No.	Date	
2	September 7, 2021	
Photo of east release extent taken during initial site assessment assigned incident NAPP2124346388.		 A photograph showing a close-up view of large black pipes running along a dirt path in a desert environment. The ground is reddish-brown and covered with small green plants. In the background, a utility pole and other industrial structures are visible under a clear blue sky.



PHOTOGRAPHIC LOG		
COG Operating, LLC	Azores Federal Com 004H Lea County, New Mexico	NAPP2124346388

Photo No.	Date	
3	September 7, 2021	
Photo of west historical nonreportable release extent identified during initial site assessment.		

Photo No.	Date	
4	September 7, 2021	
Photo of west historical nonreportable release extent identified during initial site assessment.		



PHOTOGRAPHIC LOG		
COG Operating, LLC	Azores Federal Com 004H Lea County, New Mexico	NAPP2124346388

Photo No.	Date	
5	October 8, 2021	
Photo of delineation activities.		

Photo No.	Date	
6	October 8, 2021	
Photo of pothole taken during delineation activities.		

ATTACHMENT 4: FINAL C-141

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

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

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

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

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

Cause of Release

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 <u>not</u> 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: <u></u> _____	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>8/31/2021</u>

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 45566

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 45566
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcus	None	8/31/2021

Incident ID	NAPP2124346388
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 5

Incident ID	NAPP2124346388
District RP	
Facility ID	
Application ID	

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

Printed Name: Charles Beauvais Title: Senior Environmental Engineer

Signature: _____ Date: 03/17/2022

email: Charles.R.Beauvais@conocophillips.com Telephone: 575-988-2043

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2124346388
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Charles Beauvais Title: Senior Environmental EngineerSignature: _____ Date: 03/17/2022email: Charles.R.Beauvais@conocophillips.com Telephone: 575-988-2043**OCD Only**

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____



Appendix B: Release Notification and Corrective Action (Form C-141)

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NAPP2124346388
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Ike Tavaréz Title: Staff Program Manager

Signature: *Ike Tavaréz* Date: 2.28.23

email: ike.tavaréz@conocophillips.com Telephone: (432) 701-8630

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2124346388
District RP	
Facility ID	
Application ID	

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ *Jennifer Nobui* _____ Date: 03/08/2023

Printed Name: Jennifer Nobui _____ Title: Environmental Specialist A _____



Appendix C: Photographic Documentation

COG- Azores Federal Com 004H

3/1/2023

Photographic Documentation**Photograph No. 1****Date:**

7/21/2022

Direction:

West

Description:View of eastern
area to be
remediated.**Photograph No. 2****Date:**

7/21/2022

Direction:

West

Description:View of western
area to be
remediated.

COG- Azores Federal Com 004H

3/1/2023

Photographic Documentation

Photograph No. 3

Date:

1/25/2023

Direction:

East

Description:

View of eastern
excavation area.



Photograph No. 4

Date:

1/30/2023

Direction:

East

Description:

View of eastern
excavation area.



COG- Azores Federal Com 004H

3/1/2023

Photographic Documentation

Photograph No. 5

Date:

2/2/2023

Direction:

East

Description:

View of western
excavation area.



Photograph No. 6

Date:

2/3/2023

Direction:

West

Description:

View of western
excavation area.



COG- Azores Federal Com 004H

3/1/2023

Photographic Documentation

Photograph No. 9

Date:

2/8/2023

Direction:

West

Description:

View of backfilled eastern area.



Photograph No. 10

Date:

2/8/2023

Direction:

South

Description:

View of backfilled western area.





Appendix D: Laboratory Analytical Data



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/27/2023 11:37:56 AM

JOB DESCRIPTION

Azores Federal Com 004H
SDG NUMBER Jal. NM

JOB NUMBER

880-24118-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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
1/27/2023 11:37:56 AM

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Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Laboratory Job ID: 880-24118-1
SDG: Jal. NM

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Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD 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
*+	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.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Job ID: 880-24118-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-24118-1

Receipt

The samples were received on 1/26/2023 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.1°C

Receipt Exceptions

The following samples analyzed for method <TPH 8015> were received and analyzed from an unpreserved bulk soil jar.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-6 @ 2.5' (880-24118-6), CS-7 @ 2.5' (880-24118-7) and CS-8 @ 2.5' (880-24118-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-10 @ 2.5' (880-24118-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-44805 and analytical batch 880-44778 recovered outside control limits for the following analytes: Ethylbenzene, m-Xylene & p-Xylene and o-Xylene.

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 laboratory control sample (LCS) associated with preparation batch 880-44806 and analytical batch 880-44811 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-2 @ 8.5' (880-24118-2), CS-5 @ 8.5' (880-24118-5), CS-6 @ 2.5' (880-24118-6), CS-7 @ 2.5' (880-24118-7), CS-9 @ 2.5' (880-24118-9), CS-10 @ 2.5' (880-24118-10) and (MB 880-44806/1-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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-44776 and analytical batch 880-44814 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 Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-1 @ 8.5'

Lab Sample ID: 880-24118-1

Date Collected: 01/25/23 11:00

Matrix: Solid

Date Received: 01/26/23 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/26/23 09:08	01/26/23 22:32	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/26/23 09:08	01/26/23 22:32	1
Ethylbenzene	<0.00201	U *1	0.00201	mg/Kg		01/26/23 09:08	01/26/23 22:32	1
m-Xylene & p-Xylene	<0.00402	U *1	0.00402	mg/Kg		01/26/23 09:08	01/26/23 22:32	1
o-Xylene	<0.00201	U *1	0.00201	mg/Kg		01/26/23 09:08	01/26/23 22:32	1
Xylenes, Total	<0.00402	U *1	0.00402	mg/Kg		01/26/23 09:08	01/26/23 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	01/26/23 09:08	01/26/23 22:32	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/26/23 09:08	01/26/23 22:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/27/23 11:57	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			01/27/23 11:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 13:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0	mg/Kg		01/26/23 09:17	01/26/23 13:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	01/26/23 09:17	01/26/23 13:07	1
o-Terphenyl	123		70 - 130	01/26/23 09:17	01/26/23 13:07	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	188		5.00	mg/Kg			01/26/23 11:27	1

Client Sample ID: CS-2 @ 8.5'

Lab Sample ID: 880-24118-2

Date Collected: 01/25/23 11:10

Matrix: Solid

Date Received: 01/26/23 08:00

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		01/26/23 09:08	01/26/23 22:52	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/26/23 09:08	01/26/23 22:52	1
Ethylbenzene	<0.00198	U *1	0.00198	mg/Kg		01/26/23 09:08	01/26/23 22:52	1
m-Xylene & p-Xylene	<0.00396	U *1	0.00396	mg/Kg		01/26/23 09:08	01/26/23 22:52	1
o-Xylene	<0.00198	U *1	0.00198	mg/Kg		01/26/23 09:08	01/26/23 22:52	1
Xylenes, Total	<0.00396	U *1	0.00396	mg/Kg		01/26/23 09:08	01/26/23 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/26/23 09:08	01/26/23 22:52	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/26/23 09:08	01/26/23 22:52	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-2 @ 8.5'

Lab Sample ID: 880-24118-2

Date Collected: 01/25/23 11:10

Matrix: Solid

Date Received: 01/26/23 08:00

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			01/27/23 11:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	59.0		49.9	mg/Kg			01/27/23 11:58	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	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 14:12	1
Diesel Range Organics (Over C10-C28)	59.0	*+	49.9	mg/Kg		01/26/23 09:17	01/26/23 14:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 14:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130			01/26/23 09:17	01/26/23 14:12	1
o-Terphenyl	133	S1+	70 - 130			01/26/23 09:17	01/26/23 14:12	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	186		4.98	mg/Kg			01/26/23 11:41	1

Client Sample ID: CS-3 @ 8.5'

Lab Sample ID: 880-24118-3

Date Collected: 01/25/23 11:20

Matrix: Solid

Date Received: 01/26/23 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/26/23 23:12	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/26/23 23:12	1
Ethylbenzene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/26/23 23:12	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/26/23 23:12	1
o-Xylene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/26/23 23:12	1
Xylenes, Total	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/26/23 23:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			01/26/23 09:08	01/26/23 23:12	1
1,4-Difluorobenzene (Surr)	78		70 - 130			01/26/23 09:08	01/26/23 23:12	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			01/27/23 11:57	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			01/27/23 11:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 14:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0	mg/Kg		01/26/23 09:17	01/26/23 14:33	1

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-3 @ 8.5'

Lab Sample ID: 880-24118-3

Date Collected: 01/25/23 11:20

Matrix: Solid

Date Received: 01/26/23 08:00

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)	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 14:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			01/26/23 09:17	01/26/23 14:33	1
o-Terphenyl	118		70 - 130			01/26/23 09:17	01/26/23 14:33	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	182		4.95	mg/Kg			01/26/23 11:46	1

Client Sample ID: CS-4 @ 8.5'

Lab Sample ID: 880-24118-4

Date Collected: 01/25/23 11:30

Matrix: Solid

Date Received: 01/26/23 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/26/23 09:08	01/26/23 23:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/26/23 09:08	01/26/23 23:33	1
Ethylbenzene	<0.00200	U *1	0.00200	mg/Kg		01/26/23 09:08	01/26/23 23:33	1
m-Xylene & p-Xylene	<0.00399	U *1	0.00399	mg/Kg		01/26/23 09:08	01/26/23 23:33	1
o-Xylene	<0.00200	U *1	0.00200	mg/Kg		01/26/23 09:08	01/26/23 23:33	1
Xylenes, Total	<0.00399	U *1	0.00399	mg/Kg		01/26/23 09:08	01/26/23 23:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			01/26/23 09:08	01/26/23 23:33	1
1,4-Difluorobenzene (Surr)	71		70 - 130			01/26/23 09:08	01/26/23 23:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/27/23 11:57	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			01/27/23 11:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 14:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0	mg/Kg		01/26/23 09:17	01/26/23 14:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 14:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			01/26/23 09:17	01/26/23 14:54	1
o-Terphenyl	127		70 - 130			01/26/23 09:17	01/26/23 14:54	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	183		5.04	mg/Kg			01/26/23 11:51	1

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-5 @ 8.5'

Lab Sample ID: 880-24118-5

Date Collected: 01/25/23 11:40

Matrix: Solid

Date Received: 01/26/23 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/26/23 09:08	01/26/23 23:53	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/26/23 09:08	01/26/23 23:53	1
Ethylbenzene	<0.00201	U *1	0.00201	mg/Kg		01/26/23 09:08	01/26/23 23:53	1
m-Xylene & p-Xylene	<0.00402	U *1	0.00402	mg/Kg		01/26/23 09:08	01/26/23 23:53	1
o-Xylene	<0.00201	U *1	0.00201	mg/Kg		01/26/23 09:08	01/26/23 23:53	1
Xylenes, Total	<0.00402	U *1	0.00402	mg/Kg		01/26/23 09:08	01/26/23 23:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/26/23 09:08	01/26/23 23:53	1
1,4-Difluorobenzene (Surr)	73		70 - 130	01/26/23 09:08	01/26/23 23:53	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			01/27/23 11:57	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			01/27/23 11:58	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	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 15:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9	mg/Kg		01/26/23 09:17	01/26/23 15:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130	01/26/23 09:17	01/26/23 15:15	1
o-Terphenyl	136	S1+	70 - 130	01/26/23 09:17	01/26/23 15:15	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		4.99	mg/Kg			01/26/23 11:56	1

Client Sample ID: CS-6 @ 2.5'

Lab Sample ID: 880-24118-6

Date Collected: 01/25/23 11:50

Matrix: Solid

Date Received: 01/26/23 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/26/23 09:08	01/27/23 00:14	1
Toluene	0.0228		0.00200	mg/Kg		01/26/23 09:08	01/27/23 00:14	1
Ethylbenzene	0.00375	*1	0.00200	mg/Kg		01/26/23 09:08	01/27/23 00:14	1
m-Xylene & p-Xylene	0.0664	*1	0.00401	mg/Kg		01/26/23 09:08	01/27/23 00:14	1
o-Xylene	0.141	*1	0.00200	mg/Kg		01/26/23 09:08	01/27/23 00:14	1
Xylenes, Total	0.207	*1	0.00401	mg/Kg		01/26/23 09:08	01/27/23 00:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	181	S1+	70 - 130	01/26/23 09:08	01/27/23 00:14	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/26/23 09:08	01/27/23 00:14	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-6 @ 2.5'

Lab Sample ID: 880-24118-6

Date Collected: 01/25/23 11:50

Matrix: Solid

Date Received: 01/26/23 08:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.234		0.00401	mg/Kg			01/27/23 11:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2890		49.9	mg/Kg			01/27/23 11:58	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	651		49.9	mg/Kg		01/26/23 09:17	01/26/23 15:36	1
Diesel Range Organics (Over C10-C28)	1940	*+	49.9	mg/Kg		01/26/23 09:17	01/26/23 15:36	1
Oil Range Organics (Over C28-C36)	300		49.9	mg/Kg		01/26/23 09:17	01/26/23 15:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130			01/26/23 09:17	01/26/23 15:36	1
o-Terphenyl	137	S1+	70 - 130			01/26/23 09:17	01/26/23 15:36	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	737		5.00	mg/Kg			01/26/23 12:10	1

Client Sample ID: CS-7 @ 2.5'

Lab Sample ID: 880-24118-7

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 00:34	1
Toluene	0.0316		0.00199	mg/Kg		01/26/23 09:08	01/27/23 00:34	1
Ethylbenzene	0.0166	*1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 00:34	1
m-Xylene & p-Xylene	0.0802	*1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 00:34	1
o-Xylene	0.174	*1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 00:34	1
Xylenes, Total	0.254	*1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 00:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	177	S1+	70 - 130			01/26/23 09:08	01/27/23 00:34	1
1,4-Difluorobenzene (Surr)	121		70 - 130			01/26/23 09:08	01/27/23 00:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.302		0.00398	mg/Kg			01/27/23 11:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2810		49.9	mg/Kg			01/27/23 11:58	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	861		49.9	mg/Kg		01/26/23 09:17	01/26/23 15:56	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-7 @ 2.5'

Lab Sample ID: 880-24118-7

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	1700	*+	49.9	mg/Kg		01/26/23 09:17	01/26/23 15:56	1
Oil Range Organics (Over C28-C36)	245		49.9	mg/Kg		01/26/23 09:17	01/26/23 15:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130			01/26/23 09:17	01/26/23 15:56	1
o-Terphenyl	134	S1+	70 - 130			01/26/23 09:17	01/26/23 15:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	764		4.97	mg/Kg			01/26/23 12:15	1

Client Sample ID: CS-8 @ 2.5'

Lab Sample ID: 880-24118-8

Date Collected: 01/25/23 12:05

Matrix: Solid

Date Received: 01/26/23 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 00:55	1
Toluene	0.0123		0.00199	mg/Kg		01/26/23 09:08	01/27/23 00:55	1
Ethylbenzene	0.00723	*1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 00:55	1
m-Xylene & p-Xylene	0.0373	*1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 00:55	1
o-Xylene	0.122	*1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 00:55	1
Xylenes, Total	0.159	*1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 00:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130			01/26/23 09:08	01/27/23 00:55	1
1,4-Difluorobenzene (Surr)	124		70 - 130			01/26/23 09:08	01/27/23 00:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.179		0.00398	mg/Kg			01/27/23 11:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2680		49.9	mg/Kg			01/27/23 11:58	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	645		49.9	mg/Kg		01/26/23 09:17	01/26/23 16:17	1
Diesel Range Organics (Over C10-C28)	1760	*+	49.9	mg/Kg		01/26/23 09:17	01/26/23 16:17	1
Oil Range Organics (Over C28-C36)	270		49.9	mg/Kg		01/26/23 09:17	01/26/23 16:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			01/26/23 09:17	01/26/23 16:17	1
o-Terphenyl	124		70 - 130			01/26/23 09:17	01/26/23 16:17	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-8 @ 2.5'

Lab Sample ID: 880-24118-8

Date Collected: 01/25/23 12:05

Matrix: Solid

Date Received: 01/26/23 08:00

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	773		4.95	mg/Kg			01/26/23 12:20	1

Client Sample ID: CS-9 @ 2.5'

Lab Sample ID: 880-24118-9

Date Collected: 01/25/23 12:10

Matrix: Solid

Date Received: 01/26/23 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/26/23 09:08	01/27/23 01:15	1
Toluene	0.0338		0.00200	mg/Kg		01/26/23 09:08	01/27/23 01:15	1
Ethylbenzene	0.0306	*1	0.00200	mg/Kg		01/26/23 09:08	01/27/23 01:15	1
m-Xylene & p-Xylene	0.115	*1	0.00399	mg/Kg		01/26/23 09:08	01/27/23 01:15	1
o-Xylene	0.212	*1	0.00200	mg/Kg		01/26/23 09:08	01/27/23 01:15	1
Xylenes, Total	0.327	*1	0.00399	mg/Kg		01/26/23 09:08	01/27/23 01:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/26/23 09:08	01/27/23 01:15	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/26/23 09:08	01/27/23 01:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.391		0.00399	mg/Kg			01/27/23 11:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3390		49.9	mg/Kg			01/27/23 11:58	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	696		49.9	mg/Kg		01/26/23 09:17	01/26/23 16:38	1
Diesel Range Organics (Over C10-C28)	2340	*+	49.9	mg/Kg		01/26/23 09:17	01/26/23 16:38	1
Oil Range Organics (Over C28-C36)	356		49.9	mg/Kg		01/26/23 09:17	01/26/23 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	01/26/23 09:17	01/26/23 16:38	1
o-Terphenyl	128		70 - 130	01/26/23 09:17	01/26/23 16:38	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	806		5.05	mg/Kg			01/26/23 12:25	1

Client Sample ID: CS-10 @ 2.5'

Lab Sample ID: 880-24118-10

Date Collected: 01/25/23 12:15

Matrix: Solid

Date Received: 01/26/23 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/26/23 09:08	01/27/23 01:36	1
Toluene	0.0382		0.00201	mg/Kg		01/26/23 09:08	01/27/23 01:36	1
Ethylbenzene	0.0325	*1	0.00201	mg/Kg		01/26/23 09:08	01/27/23 01:36	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-10 @ 2.5'

Lab Sample ID: 880-24118-10

Date Collected: 01/25/23 12:15

Matrix: Solid

Date Received: 01/26/23 08:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.123	*1	0.00402	mg/Kg		01/26/23 09:08	01/27/23 01:36	1
o-Xylene	0.237	*1	0.00201	mg/Kg		01/26/23 09:08	01/27/23 01:36	1
Xylenes, Total	0.360	*1	0.00402	mg/Kg		01/26/23 09:08	01/27/23 01:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	272	S1+	70 - 130			01/26/23 09:08	01/27/23 01:36	1
1,4-Difluorobenzene (Surr)	106		70 - 130			01/26/23 09:08	01/27/23 01:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.431		0.00402	mg/Kg			01/27/23 11:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3340		49.9	mg/Kg			01/27/23 11:58	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	636		49.9	mg/Kg		01/26/23 09:17	01/26/23 16:58	1
Diesel Range Organics (Over C10-C28)	2370	*+	49.9	mg/Kg		01/26/23 09:17	01/26/23 16:58	1
Oil Range Organics (Over C28-C36)	338		49.9	mg/Kg		01/26/23 09:17	01/26/23 16:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130			01/26/23 09:17	01/26/23 16:58	1
o-Terphenyl	134	S1+	70 - 130			01/26/23 09:17	01/26/23 16:58	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	774		5.04	mg/Kg			01/26/23 12:30	1

Client Sample ID: CS-11 @ 6.5'

Lab Sample ID: 880-24118-11

Date Collected: 01/25/23 14:00

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 6.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 02:57	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 02:57	1
Ethylbenzene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 02:57	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 02:57	1
o-Xylene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 02:57	1
Xylenes, Total	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 02:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130			01/26/23 09:08	01/27/23 02:57	1
1,4-Difluorobenzene (Surr)	99		70 - 130			01/26/23 09:08	01/27/23 02:57	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-11 @ 6.5'

Lab Sample ID: 880-24118-11

Date Collected: 01/25/23 14:00

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 6.5'

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			01/27/23 11:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.1		50.0	mg/Kg			01/27/23 11:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 17:41	1
Diesel Range Organics (Over C10-C28)	62.1	*+	50.0	mg/Kg		01/26/23 09:17	01/26/23 17:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 17:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130			01/26/23 09:17	01/26/23 17:41	1
o-Terphenyl	130		70 - 130			01/26/23 09:17	01/26/23 17:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	442	F1	4.97	mg/Kg			01/26/23 12:35	1

Client Sample ID: CS-12 @ 6.5'

Lab Sample ID: 880-24118-12

Date Collected: 01/25/23 14:05

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 6.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 03:18	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 03:18	1
Ethylbenzene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 03:18	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 03:18	1
o-Xylene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 03:18	1
Xylenes, Total	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 03:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130			01/26/23 09:08	01/27/23 03:18	1
1,4-Difluorobenzene (Surr)	86		70 - 130			01/26/23 09:08	01/27/23 03:18	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			01/27/23 11:57	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			01/27/23 11:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 18:03	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-12 @ 6.5'

Lab Sample ID: 880-24118-12

Date Collected: 01/25/23 14:05

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 6.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0	mg/Kg		01/26/23 09:17	01/26/23 18:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 18:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130			01/26/23 09:17	01/26/23 18:03	1
o-Terphenyl	139	S1+	70 - 130			01/26/23 09:17	01/26/23 18:03	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	444		5.05	mg/Kg			01/26/23 12:49	1

Client Sample ID: CS-13 @ 6.5'

Lab Sample ID: 880-24118-13

Date Collected: 01/25/23 14:10

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 6.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 03:38	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 03:38	1
Ethylbenzene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 03:38	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 03:38	1
o-Xylene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 03:38	1
Xylenes, Total	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 03:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			01/26/23 09:08	01/27/23 03:38	1
1,4-Difluorobenzene (Surr)	85		70 - 130			01/26/23 09:08	01/27/23 03:38	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			01/27/23 11:57	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			01/27/23 11:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 18:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0	mg/Kg		01/26/23 09:17	01/26/23 18:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 18:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			01/26/23 09:17	01/26/23 18:25	1
o-Terphenyl	126		70 - 130			01/26/23 09:17	01/26/23 18:25	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-13 @ 6.5'

Lab Sample ID: 880-24118-13

Date Collected: 01/25/23 14:10

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 6.5'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	482		4.96	mg/Kg			01/26/23 12:54	1

Client Sample ID: CS-14 @ 6.5'

Lab Sample ID: 880-24118-14

Date Collected: 01/25/23 14:15

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 6.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 03:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 03:59	1
Ethylbenzene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 03:59	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 03:59	1
o-Xylene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 03:59	1
Xylenes, Total	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 03:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130			01/26/23 09:08	01/27/23 03:59	1
1,4-Difluorobenzene (Surr)	88		70 - 130			01/26/23 09:08	01/27/23 03:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/27/23 11:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	108		50.0	mg/Kg			01/27/23 11:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 18:46	1
Diesel Range Organics (Over C10-C28)	108	*+	50.0	mg/Kg		01/26/23 09:17	01/26/23 18:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 18:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			01/26/23 09:17	01/26/23 18:46	1
o-Terphenyl	122		70 - 130			01/26/23 09:17	01/26/23 18:46	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189		5.02	mg/Kg			01/26/23 13:09	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-15 @ 6.5'

Lab Sample ID: 880-24118-15

Date Collected: 01/25/23 14:20

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 6.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/26/23 09:08	01/27/23 04:19	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/26/23 09:08	01/27/23 04:19	1
Ethylbenzene	<0.00200	U *1	0.00200	mg/Kg		01/26/23 09:08	01/27/23 04:19	1
m-Xylene & p-Xylene	<0.00399	U *1	0.00399	mg/Kg		01/26/23 09:08	01/27/23 04:19	1
o-Xylene	<0.00200	U *1	0.00200	mg/Kg		01/26/23 09:08	01/27/23 04:19	1
Xylenes, Total	<0.00399	U *1	0.00399	mg/Kg		01/26/23 09:08	01/27/23 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	01/26/23 09:08	01/27/23 04:19	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/26/23 09:08	01/27/23 04:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/27/23 11:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	74.5		49.9	mg/Kg			01/27/23 11:58	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	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 19:07	1
Diesel Range Organics (Over C10-C28)	74.5	*+	49.9	mg/Kg		01/26/23 09:17	01/26/23 19:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	01/26/23 09:17	01/26/23 19:07	1
o-Terphenyl	134	S1+	70 - 130	01/26/23 09:17	01/26/23 19:07	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	167		4.99	mg/Kg			01/26/23 13:14	1

Client Sample ID: CS-SW-1 @ 4.25'

Lab Sample ID: 880-24118-16

Date Collected: 01/25/23 12:20

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 4.25'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 04:40	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 04:40	1
Ethylbenzene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 04:40	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 04:40	1
o-Xylene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 04:40	1
Xylenes, Total	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 04:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	01/26/23 09:08	01/27/23 04:40	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-1 @ 4.25'

Lab Sample ID: 880-24118-16

Date Collected: 01/25/23 12:20

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 4.25'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	97		70 - 130	01/26/23 09:08	01/27/23 04:40	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			01/27/23 11:57	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			01/27/23 11:58	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	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 19:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		01/26/23 09:17	01/26/23 19:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 19:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			01/26/23 09:17	01/26/23 19:28	1
o-Terphenyl	118		70 - 130			01/26/23 09:17	01/26/23 19:28	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.4		4.95	mg/Kg			01/26/23 13:19	1

Client Sample ID: CS-SW-2 @ 4.25'

Lab Sample ID: 880-24118-17

Date Collected: 01/25/23 12:25

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 4.25'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/26/23 09:08	01/27/23 05:00	1
Toluene	0.00205		0.00200	mg/Kg		01/26/23 09:08	01/27/23 05:00	1
Ethylbenzene	<0.00200	U *	0.00200	mg/Kg		01/26/23 09:08	01/27/23 05:00	1
m-Xylene & p-Xylene	<0.00401	U *	0.00401	mg/Kg		01/26/23 09:08	01/27/23 05:00	1
o-Xylene	<0.00200	U *	0.00200	mg/Kg		01/26/23 09:08	01/27/23 05:00	1
Xylenes, Total	<0.00401	U *	0.00401	mg/Kg		01/26/23 09:08	01/27/23 05:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	01/26/23 09:08	01/27/23 05:00	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/26/23 09:08	01/27/23 05:00	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			01/27/23 11:57	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			01/27/23 11:58	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-2 @ 4.25'

Lab Sample ID: 880-24118-17

Date Collected: 01/25/23 12:25

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 4.25'

Method: 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		01/26/23 09:17	01/26/23 19:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9	mg/Kg		01/26/23 09:17	01/26/23 19:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 19:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130			01/26/23 09:17	01/26/23 19:50	1
o-Terphenyl	121		70 - 130			01/26/23 09:17	01/26/23 19:50	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.6		4.95	mg/Kg			01/26/23 13:23	1

Client Sample ID: CS-SW-3 @ 4.25'

Lab Sample ID: 880-24118-18

Date Collected: 01/25/23 12:30

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 4.25'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 05:21	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 05:21	1
Ethylbenzene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 05:21	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 05:21	1
o-Xylene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 05:21	1
Xylenes, Total	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 05:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130			01/26/23 09:08	01/27/23 05:21	1
1,4-Difluorobenzene (Surr)	96		70 - 130			01/26/23 09:08	01/27/23 05:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/27/23 11:57	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			01/27/23 11:58	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	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 20:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9	mg/Kg		01/26/23 09:17	01/26/23 20:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 20:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130			01/26/23 09:17	01/26/23 20:11	1
o-Terphenyl	127		70 - 130			01/26/23 09:17	01/26/23 20:11	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-3 @ 4.25'

Lab Sample ID: 880-24118-18

Date Collected: 01/25/23 12:30

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 4.25'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	425		4.97	mg/Kg			01/26/23 13:28	1

Client Sample ID: CS-SW-4 @ 4.25'

Lab Sample ID: 880-24118-19

Date Collected: 01/25/23 12:35

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 4.25'

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		01/26/23 09:08	01/27/23 05:41	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/26/23 09:08	01/27/23 05:41	1
Ethylbenzene	<0.00198	U *1	0.00198	mg/Kg		01/26/23 09:08	01/27/23 05:41	1
m-Xylene & p-Xylene	<0.00397	U *1	0.00397	mg/Kg		01/26/23 09:08	01/27/23 05:41	1
o-Xylene	<0.00198	U *1	0.00198	mg/Kg		01/26/23 09:08	01/27/23 05:41	1
Xylenes, Total	<0.00397	U *1	0.00397	mg/Kg		01/26/23 09:08	01/27/23 05:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130			01/26/23 09:08	01/27/23 05:41	1
1,4-Difluorobenzene (Surr)	92		70 - 130			01/26/23 09:08	01/27/23 05:41	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			01/27/23 11:57	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			01/27/23 11:58	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	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 20:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		01/26/23 09:17	01/26/23 20:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 20:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			01/26/23 09:17	01/26/23 20:32	1
o-Terphenyl	119		70 - 130			01/26/23 09:17	01/26/23 20:32	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.2		5.00	mg/Kg			01/26/23 13:33	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-5 @ 5.5'

Lab Sample ID: 880-24118-20

Date Collected: 01/25/23 12:40

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 5.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 06:02	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/26/23 09:08	01/27/23 06:02	1
Ethylbenzene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 06:02	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 06:02	1
o-Xylene	<0.00199	U *1	0.00199	mg/Kg		01/26/23 09:08	01/27/23 06:02	1
Xylenes, Total	<0.00398	U *1	0.00398	mg/Kg		01/26/23 09:08	01/27/23 06:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	01/26/23 09:08	01/27/23 06:02	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/26/23 09:08	01/27/23 06:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/27/23 11:57	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			01/27/23 11:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 20:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0	mg/Kg		01/26/23 09:17	01/26/23 20:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/26/23 09:17	01/26/23 20:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	01/26/23 09:17	01/26/23 20:53	1
o-Terphenyl	113		70 - 130	01/26/23 09:17	01/26/23 20:53	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.1		4.96	mg/Kg			01/26/23 13:38	1

Client Sample ID: CS-SW-6 @ 4.25'

Lab Sample ID: 880-24118-21

Date Collected: 01/25/23 12:45

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 4.25'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/26/23 08:45	01/27/23 01:39	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/26/23 08:45	01/27/23 01:39	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/26/23 08:45	01/27/23 01:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/26/23 08:45	01/27/23 01:39	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/26/23 08:45	01/27/23 01:39	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/26/23 08:45	01/27/23 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/26/23 08:45	01/27/23 01:39	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-6 @ 4.25'

Lab Sample ID: 880-24118-21

Date Collected: 01/25/23 12:45

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 4.25'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	115		70 - 130	01/26/23 08:45	01/27/23 01:39	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			01/27/23 09:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/26/23 16:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/26/23 08:40	01/26/23 12:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/26/23 08:40	01/26/23 12:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/26/23 08:40	01/26/23 12:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130			01/26/23 08:40	01/26/23 12:24	1
o-Terphenyl	77		70 - 130			01/26/23 08:40	01/26/23 12:24	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01	mg/Kg			01/26/23 17:12	1

Client Sample ID: CS-SW-7 @ 1.25'

Lab Sample ID: 880-24118-22

Date Collected: 01/25/23 12:50

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 1.25'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 01:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 01:59	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 01:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/26/23 08:45	01/27/23 01:59	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 01:59	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/26/23 08:45	01/27/23 01:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/26/23 08:45	01/27/23 01:59	1
1,4-Difluorobenzene (Surr)	115		70 - 130	01/26/23 08:45	01/27/23 01:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/27/23 09:44	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			01/27/23 11:20	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-7 @ 1.25'

Lab Sample ID: 880-24118-22

Date Collected: 01/25/23 12:50

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 1.25'

Method: 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		01/26/23 08:40	01/26/23 18:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 18:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 18:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130			01/26/23 08:40	01/26/23 18:08	1
o-Terphenyl	114		70 - 130			01/26/23 08:40	01/26/23 18:08	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98	mg/Kg			01/26/23 17:26	1

Client Sample ID: CS-SW-8 @ 1.25'

Lab Sample ID: 880-24118-23

Date Collected: 01/25/23 14:25

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 1.25'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 02:20	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 02:20	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 02:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/26/23 08:45	01/27/23 02:20	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 02:20	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/26/23 08:45	01/27/23 02:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			01/26/23 08:45	01/27/23 02:20	1
1,4-Difluorobenzene (Surr)	109		70 - 130			01/26/23 08:45	01/27/23 02:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/27/23 09:44	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			01/27/23 11:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 18:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 18:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 18:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			01/26/23 08:40	01/26/23 18:28	1
o-Terphenyl	93		70 - 130			01/26/23 08:40	01/26/23 18:28	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-8 @ 1.25'

Lab Sample ID: 880-24118-23

Date Collected: 01/25/23 14:25

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 1.25'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	522		4.95	mg/Kg			01/26/23 17:31	1

Client Sample ID: CS-SW-9 @ 3.25'

Lab Sample ID: 880-24118-24

Date Collected: 01/25/23 14:30

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 3.25'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/26/23 08:45	01/27/23 02:40	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/26/23 08:45	01/27/23 02:40	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/26/23 08:45	01/27/23 02:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/26/23 08:45	01/27/23 02:40	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/26/23 08:45	01/27/23 02:40	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/26/23 08:45	01/27/23 02:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			01/26/23 08:45	01/27/23 02:40	1
1,4-Difluorobenzene (Surr)	114		70 - 130			01/26/23 08:45	01/27/23 02:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/27/23 09:44	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			01/27/23 11:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 18:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 18:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 18:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130			01/26/23 08:40	01/26/23 18:47	1
o-Terphenyl	87		70 - 130			01/26/23 08:40	01/26/23 18:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	648		5.00	mg/Kg			01/26/23 17:36	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-10 @ 3.25'

Lab Sample ID: 880-24118-25

Date Collected: 01/25/23 14:35

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 3.25'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/26/23 08:45	01/27/23 03:01	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/26/23 08:45	01/27/23 03:01	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/26/23 08:45	01/27/23 03:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/26/23 08:45	01/27/23 03:01	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/26/23 08:45	01/27/23 03:01	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/26/23 08:45	01/27/23 03:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/26/23 08:45	01/27/23 03:01	1
1,4-Difluorobenzene (Surr)	114		70 - 130	01/26/23 08:45	01/27/23 03:01	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			01/27/23 09:44	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			01/27/23 11:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 19:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 19:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	01/26/23 08:40	01/26/23 19:07	1
o-Terphenyl	78		70 - 130	01/26/23 08:40	01/26/23 19:07	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.6		4.99	mg/Kg			01/26/23 17:41	1

Client Sample ID: CS-SW-11 @ 3.25'

Lab Sample ID: 880-24118-26

Date Collected: 01/25/23 14:40

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 3.25'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 03:21	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 03:21	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 03:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/26/23 08:45	01/27/23 03:21	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 03:21	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/26/23 08:45	01/27/23 03:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/26/23 08:45	01/27/23 03:21	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-11 @ 3.25'

Lab Sample ID: 880-24118-26

Date Collected: 01/25/23 14:40

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 3.25'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	01/26/23 08:45	01/27/23 03:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/27/23 09:44	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			01/27/23 11:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 19:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 19:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 19:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			01/26/23 08:40	01/26/23 19:27	1
o-Terphenyl	90		70 - 130			01/26/23 08:40	01/26/23 19:27	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.1		5.02	mg/Kg			01/26/23 17:55	1

Client Sample ID: CS-SW-12 @ 3.25'

Lab Sample ID: 880-24118-27

Date Collected: 01/25/23 14:45

Matrix: Solid

Date Received: 01/26/23 08:00

Sample Depth: 3.25'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 03:41	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 03:41	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 03:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/26/23 08:45	01/27/23 03:41	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/26/23 08:45	01/27/23 03:41	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/26/23 08:45	01/27/23 03:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/26/23 08:45	01/27/23 03:41	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/26/23 08:45	01/27/23 03:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/27/23 09:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/27/23 11:20	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-12 @ 3.25'
Date Collected: 01/25/23 14:45
Date Received: 01/26/23 08:00
Sample Depth: 3.25'

Lab Sample ID: 880-24118-27
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	<50.0	U	50.0	mg/Kg		01/26/23 08:40	01/26/23 19:48	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/26/23 08:40	01/26/23 19:48	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/26/23 08:40	01/26/23 19:48	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	91		70 - 130			01/26/23 08:40	01/26/23 19:48	1	
o-Terphenyl	89		70 - 130			01/26/23 08:40	01/26/23 19:48	1	

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	15.3		4.99	mg/Kg			01/26/23 18:00	1	

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-24118-1	CS-1 @ 8.5'	86	89
880-24118-1 MS	CS-1 @ 8.5'	115	103
880-24118-1 MSD	CS-1 @ 8.5'	119	92
880-24118-2	CS-2 @ 8.5'	108	90
880-24118-3	CS-3 @ 8.5'	90	78
880-24118-4	CS-4 @ 8.5'	103	71
880-24118-5	CS-5 @ 8.5'	107	73
880-24118-6	CS-6 @ 2.5'	181 S1+	107
880-24118-7	CS-7 @ 2.5'	177 S1+	121
880-24118-8	CS-8 @ 2.5'	144 S1+	124
880-24118-9	CS-9 @ 2.5'	97	111
880-24118-10	CS-10 @ 2.5'	272 S1+	106
880-24118-11	CS-11 @ 6.5'	79	99
880-24118-12	CS-12 @ 6.5'	83	86
880-24118-13	CS-13 @ 6.5'	101	85
880-24118-14	CS-14 @ 6.5'	75	88
880-24118-15	CS-15 @ 6.5'	86	88
880-24118-16	CS-SW-1 @ 4.25'	90	97
880-24118-17	CS-SW-2 @ 4.25'	73	99
880-24118-18	CS-SW-3 @ 4.25'	83	96
880-24118-19	CS-SW-4 @ 4.25'	86	92
880-24118-20	CS-SW-5 @ 5.5'	81	97
880-24118-21	CS-SW-6 @ 4.25'	104	115
880-24118-21 MS	CS-SW-6 @ 4.25'	104	113
880-24118-21 MSD	CS-SW-6 @ 4.25'	98	111
880-24118-22	CS-SW-7 @ 1.25'	110	115
880-24118-23	CS-SW-8 @ 1.25'	111	109
880-24118-24	CS-SW-9 @ 3.25'	111	114
880-24118-25	CS-SW-10 @ 3.25'	107	114
880-24118-26	CS-SW-11 @ 3.25'	110	103
880-24118-27	CS-SW-12 @ 3.25'	103	99
LCS 880-44798/1-A	Lab Control Sample	95	110
LCS 880-44805/1-A	Lab Control Sample	91	111
LCSD 880-44798/2-A	Lab Control Sample Dup	101	107
LCSD 880-44805/2-A	Lab Control Sample Dup	117	112
MB 880-44727/5-A	Method Blank	100	108
MB 880-44728/5-A	Method Blank	78	88
MB 880-44798/5-A	Method Blank	106	110
MB 880-44805/5-A	Method Blank	73	90

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.

Job ID: 880-24118-1

Project/Site: Azores Federal Com 004H

SDG: Jal. NM

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)
880-24118-1	CS-1 @ 8.5'	101	123
880-24118-1 MS	CS-1 @ 8.5'	102	110
880-24118-1 MSD	CS-1 @ 8.5'	102	111
880-24118-2	CS-2 @ 8.5'	121	133 S1+
880-24118-3	CS-3 @ 8.5'	97	118
880-24118-4	CS-4 @ 8.5'	104	127
880-24118-5	CS-5 @ 8.5'	120	136 S1+
880-24118-6	CS-6 @ 2.5'	117	137 S1+
880-24118-7	CS-7 @ 2.5'	120	134 S1+
880-24118-8	CS-8 @ 2.5'	105	124
880-24118-9	CS-9 @ 2.5'	105	128
880-24118-10	CS-10 @ 2.5'	119	134 S1+
880-24118-11	CS-11 @ 6.5'	107	130
880-24118-12	CS-12 @ 6.5'	127	139 S1+
880-24118-13	CS-13 @ 6.5'	104	126
880-24118-14	CS-14 @ 6.5'	101	122
880-24118-15	CS-15 @ 6.5'	122	134 S1+
880-24118-16	CS-SW-1 @ 4.25'	99	118
880-24118-17	CS-SW-2 @ 4.25'	116	121
880-24118-18	CS-SW-3 @ 4.25'	107	127
880-24118-19	CS-SW-4 @ 4.25'	103	119
880-24118-20	CS-SW-5 @ 5.5'	98	113
880-24118-21	CS-SW-6 @ 4.25'	79	77
880-24118-21 MS	CS-SW-6 @ 4.25'	84	74
880-24118-21 MSD	CS-SW-6 @ 4.25'	85	75
880-24118-22	CS-SW-7 @ 1.25'	110	114
880-24118-23	CS-SW-8 @ 1.25'	91	93
880-24118-24	CS-SW-9 @ 3.25'	85	87
880-24118-25	CS-SW-10 @ 3.25'	76	78
880-24118-26	CS-SW-11 @ 3.25'	93	90
880-24118-27	CS-SW-12 @ 3.25'	91	89
LCS 880-44796/2-A	Lab Control Sample	101	102
LCS 880-44806/2-A	Lab Control Sample	141 S1+	157 S1+
LCSD 880-44796/3-A	Lab Control Sample Dup	97	99
LCSD 880-44806/3-A	Lab Control Sample Dup	125	135 S1+
MB 880-44796/1-A	Method Blank	103	104
MB 880-44806/1-A	Method Blank	126	148 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-44727/5-A

Matrix: Solid

Analysis Batch: 44779

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44727

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/25/23 13:19	01/26/23 13:35	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/25/23 13:19	01/26/23 13:35	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/25/23 13:19	01/26/23 13:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/25/23 13:19	01/26/23 13:35	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/25/23 13:19	01/26/23 13:35	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/25/23 13:19	01/26/23 13:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/25/23 13:19	01/26/23 13:35	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/25/23 13:19	01/26/23 13:35	1

Lab Sample ID: MB 880-44728/5-A

Matrix: Solid

Analysis Batch: 44778

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44728

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/25/23 13:26	01/26/23 11:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/25/23 13:26	01/26/23 11:30	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/25/23 13:26	01/26/23 11:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/25/23 13:26	01/26/23 11:30	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/25/23 13:26	01/26/23 11:30	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/25/23 13:26	01/26/23 11:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	01/25/23 13:26	01/26/23 11:30	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/25/23 13:26	01/26/23 11:30	1

Lab Sample ID: MB 880-44798/5-A

Matrix: Solid

Analysis Batch: 44779

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44798

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/26/23 08:45	01/27/23 01:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/26/23 08:45	01/27/23 01:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/26/23 08:45	01/27/23 01:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/26/23 08:45	01/27/23 01:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/26/23 08:45	01/27/23 01:10	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/26/23 08:45	01/27/23 01:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/26/23 08:45	01/27/23 01:10	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/26/23 08:45	01/27/23 01:10	1

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

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

Lab Sample ID: LCS 880-44798/1-A

Matrix: Solid

Analysis Batch: 44779

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44798

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09257		mg/Kg		93	70 - 130
Toluene	0.100	0.08901		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.08639		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1801		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08711		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-44798/2-A

Matrix: Solid

Analysis Batch: 44779

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44798

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08544		mg/Kg		85	70 - 130	8	35
Toluene	0.100	0.09543		mg/Kg		95	70 - 130	7	35
Ethylbenzene	0.100	0.09226		mg/Kg		92	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1929		mg/Kg		96	70 - 130	7	35
o-Xylene	0.100	0.09416		mg/Kg		94	70 - 130	8	35

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

Lab Sample ID: 880-24118-21 MS

Matrix: Solid

Analysis Batch: 44779

Client Sample ID: CS-SW-6 @ 4.25'

Prep Type: Total/NA

Prep Batch: 44798

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.08526		mg/Kg		86	70 - 130
Toluene	<0.00200	U	0.0996	0.08255		mg/Kg		83	70 - 130
Ethylbenzene	<0.00200	U	0.0996	0.08046		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1709		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U	0.0996	0.08321		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 880-24118-21 MSD

Matrix: Solid

Analysis Batch: 44779

Client Sample ID: CS-SW-6 @ 4.25'

Prep Type: Total/NA

Prep Batch: 44798

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	0.08939		mg/Kg		90	70 - 130	5	35
Toluene	<0.00200	U	0.0990	0.08494		mg/Kg		86	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.0990	0.08175		mg/Kg		83	70 - 130	2	35

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

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

Lab Sample ID: 880-24118-21 MSD

Matrix: Solid

Analysis Batch: 44779

Client Sample ID: CS-SW-6 @ 4.25'

Prep Type: Total/NA

Prep Batch: 44798

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1714		mg/Kg		87	70 - 130	0	35
o-Xylene	<0.00200	U	0.0990	0.08289		mg/Kg		83	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: MB 880-44805/5-A

Matrix: Solid

Analysis Batch: 44778

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44805

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/26/23 09:08	01/26/23 22:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/26/23 09:08	01/26/23 22:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/26/23 09:08	01/26/23 22:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/26/23 09:08	01/26/23 22:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/26/23 09:08	01/26/23 22:10	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/26/23 09:08	01/26/23 22:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	01/26/23 09:08	01/26/23 22:10	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/26/23 09:08	01/26/23 22:10	1

Lab Sample ID: LCS 880-44805/1-A

Matrix: Solid

Analysis Batch: 44778

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08783		mg/Kg		88	70 - 130
Toluene	0.100	0.07662		mg/Kg		77	70 - 130
Ethylbenzene	0.100	0.07323		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	0.200	0.1464		mg/Kg		73	70 - 130
o-Xylene	0.100	0.07332		mg/Kg		73	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: LCSD 880-44805/2-A

Matrix: Solid

Analysis Batch: 44778

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44805

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1010		mg/Kg		101	70 - 130	14	35
Toluene	0.100	0.1028		mg/Kg		103	70 - 130	29	35
Ethylbenzene	0.100	0.1078	*1	mg/Kg		108	70 - 130	38	35
m-Xylene & p-Xylene	0.200	0.2354	*1	mg/Kg		118	70 - 130	47	35
o-Xylene	0.100	0.1191	*1	mg/Kg		119	70 - 130	48	35

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-24118-1 MS

Matrix: Solid

Analysis Batch: 44778

Client Sample ID: CS-1 @ 8.5'

Prep Type: Total/NA

Prep Batch: 44805

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.0996	0.08125		mg/Kg		82	70 - 130	
Toluene	<0.00201	U	0.0996	0.08355		mg/Kg		84	70 - 130	
Ethylbenzene	<0.00201	U *1	0.0996	0.08844		mg/Kg		89	70 - 130	
m-Xylene & p-Xylene	<0.00402	U *1	0.199	0.1894		mg/Kg		95	70 - 130	
o-Xylene	<0.00201	U *1	0.0996	0.09352		mg/Kg		94	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-24118-1 MSD

Matrix: Solid

Analysis Batch: 44778

Client Sample ID: CS-1 @ 8.5'

Prep Type: Total/NA

Prep Batch: 44805

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00201	U	0.0990	0.07565		mg/Kg		76	70 - 130	7	35	
Toluene	<0.00201	U	0.0990	0.08162		mg/Kg		82	70 - 130	2	35	
Ethylbenzene	<0.00201	U *1	0.0990	0.08823		mg/Kg		89	70 - 130	0	35	
m-Xylene & p-Xylene	<0.00402	U *1	0.198	0.1884		mg/Kg		95	70 - 130	1	35	
o-Xylene	<0.00201	U *1	0.0990	0.09628		mg/Kg		97	70 - 130	3	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

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

Lab Sample ID: MB 880-44796/1-A

Matrix: Solid

Analysis Batch: 44802

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44796

	MB	MB								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 10:02		1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 10:02		1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 08:40	01/26/23 10:02		1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	103		70 - 130	01/26/23 08:40	01/26/23 10:02		1			
o-Terphenyl	104		70 - 130	01/26/23 08:40	01/26/23 10:02		1			

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

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

Lab Sample ID: LCS 880-44796/2-A

Matrix: Solid

Analysis Batch: 44802

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44796

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			999	1074		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			999	1058		mg/Kg		106	70 - 130		

Lab Sample ID: LCSD 880-44796/3-A

Matrix: Solid

Analysis Batch: 44802

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44796

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			999	1179		mg/Kg		118	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			999	1015		mg/Kg		102	70 - 130	4	20

Lab Sample ID: 880-24118-21 MS

Matrix: Solid

Analysis Batch: 44802

Client Sample ID: CS-SW-6 @ 4.25'

Prep Type: Total/NA

Prep Batch: 44796

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	871.7		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1076		mg/Kg		108	70 - 130		
		</									

Lab Sample ID: 880-24118-21 MSD

Matrix: Solid

Analysis Batch: 44802

Client Sample ID: CS-SW-6 @ 4.25'

Prep Type: Total/NA

Prep Batch: 44796

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	914.4		mg/Kg		88	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1081		mg/Kg		108	70 - 130	0	20	

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

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

Lab Sample ID: 880-24118-21 MSD

Matrix: Solid

Analysis Batch: 44802

Client Sample ID: CS-SW-6 @ 4.25'

Prep Type: Total/NA

Prep Batch: 44796

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	75		70 - 130

Lab Sample ID: MB 880-44806/1-A

Matrix: Solid

Analysis Batch: 44811

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44806

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 10:34	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 10:34	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/23 09:17	01/26/23 10:34	1	
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	126		70 - 130			01/26/23 09:17	01/26/23 10:34	1	
<i>o</i> -Terphenyl	148	S1+	70 - 130			01/26/23 09:17	01/26/23 10:34	1	

Lab Sample ID: LCS 880-44806/2-A

Matrix: Solid

Analysis Batch: 44811

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44806

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10		999	1211		mg/Kg		121	70 - 130	
Diesel Range Organics (Over C10-C28)		999	1564	*+	mg/Kg		157	70 - 130	
	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	141	S1+	70 - 130						
<i>o</i> -Terphenyl	157	S1+	70 - 130						

Lab Sample ID: LCSD 880-44806/3-A

Matrix: Solid

Analysis Batch: 44811

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44806

		Spike	LCSD	LCSD				%Rec		RPD
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10		999	1112		mg/Kg		111	70 - 130	9	20
Diesel Range Organics (Over C10-C28)		999	1486	*+	mg/Kg		149	70 - 130	5	20
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	125		70 - 130							
<i>o</i> -Terphenyl	135	S1+	70 - 130							

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

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

Lab Sample ID: 880-24118-1 MS

Matrix: Solid

Analysis Batch: 44811

Client Sample ID: CS-1 @ 8.5'

Prep Type: Total/NA

Prep Batch: 44806

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	1053		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U *	1000	1224		mg/Kg		120	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	102		70 - 130								
o-Terphenyl	110		70 - 130								

Lab Sample ID: 880-24118-1 MSD

Matrix: Solid

Analysis Batch: 44811

Client Sample ID: CS-1 @ 8.5'

Prep Type: Total/NA

Prep Batch: 44806

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	1054		mg/Kg		102	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U *	998	1225		mg/Kg		121	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	102		70 - 130								
o-Terphenyl	111		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-44776/1-A

Matrix: Solid

Analysis Batch: 44814

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			01/26/23 11:12	1

Lab Sample ID: LCS 880-44776/2-A

Matrix: Solid

Analysis Batch: 44814

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	253.1		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-44776/3-A

Matrix: Solid

Analysis Batch: 44814

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	253.9		mg/Kg		102	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-24118-1 MS

Matrix: Solid

Analysis Batch: 44814

Client Sample ID: CS-1 @ 8.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	188		250	451.5		mg/Kg		105	90 - 110		

Lab Sample ID: 880-24118-1 MSD

Matrix: Solid

Analysis Batch: 44814

Client Sample ID: CS-1 @ 8.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	188		250	453.2		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 880-24118-11 MS

Matrix: Solid

Analysis Batch: 44814

Client Sample ID: CS-11 @ 6.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	442	F1	249	757.1	F1	mg/Kg		127	90 - 110		

Lab Sample ID: 880-24118-11 MSD

Matrix: Solid

Analysis Batch: 44814

Client Sample ID: CS-11 @ 6.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	442	F1	249	757.0	F1	mg/Kg		127	90 - 110	0	20

Lab Sample ID: MB 880-44777/1-A

Matrix: Solid

Analysis Batch: 44818

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			01/26/23 16:57	1

Lab Sample ID: LCS 880-44777/2-A

Matrix: Solid

Analysis Batch: 44818

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	259.7		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-44777/3-A

Matrix: Solid

Analysis Batch: 44818

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	260.7		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-24118-21 MS

Matrix: Solid

Analysis Batch: 44818

Client Sample ID: CS-SW-6 @ 4.25'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<5.01	U	251	268.5		mg/Kg		106	90 - 110		

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-24118-21 MSD					Client Sample ID: CS-SW-6 @ 4.25'							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 44818												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	<5.01	U	251	269.0		mg/Kg		106	90 - 110	0	20	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

GC VOA

Prep Batch: 44727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-44727/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 44728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-44728/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 44778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-1	CS-1 @ 8.5'	Total/NA	Solid	8021B	44805
880-24118-2	CS-2 @ 8.5'	Total/NA	Solid	8021B	44805
880-24118-3	CS-3 @ 8.5'	Total/NA	Solid	8021B	44805
880-24118-4	CS-4 @ 8.5'	Total/NA	Solid	8021B	44805
880-24118-5	CS-5 @ 8.5'	Total/NA	Solid	8021B	44805
880-24118-6	CS-6 @ 2.5'	Total/NA	Solid	8021B	44805
880-24118-7	CS-7 @ 2.5'	Total/NA	Solid	8021B	44805
880-24118-8	CS-8 @ 2.5'	Total/NA	Solid	8021B	44805
880-24118-9	CS-9 @ 2.5'	Total/NA	Solid	8021B	44805
880-24118-10	CS-10 @ 2.5'	Total/NA	Solid	8021B	44805
880-24118-11	CS-11 @ 6.5'	Total/NA	Solid	8021B	44805
880-24118-12	CS-12 @ 6.5'	Total/NA	Solid	8021B	44805
880-24118-13	CS-13 @ 6.5'	Total/NA	Solid	8021B	44805
880-24118-14	CS-14 @ 6.5'	Total/NA	Solid	8021B	44805
880-24118-15	CS-15 @ 6.5'	Total/NA	Solid	8021B	44805
880-24118-16	CS-SW-1 @ 4.25'	Total/NA	Solid	8021B	44805
880-24118-17	CS-SW-2 @ 4.25'	Total/NA	Solid	8021B	44805
880-24118-18	CS-SW-3 @ 4.25'	Total/NA	Solid	8021B	44805
880-24118-19	CS-SW-4 @ 4.25'	Total/NA	Solid	8021B	44805
880-24118-20	CS-SW-5 @ 5.5'	Total/NA	Solid	8021B	44805
MB 880-44728/5-A	Method Blank	Total/NA	Solid	8021B	44728
MB 880-44805/5-A	Method Blank	Total/NA	Solid	8021B	44805
LCS 880-44805/1-A	Lab Control Sample	Total/NA	Solid	8021B	44805
LCSD 880-44805/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	44805
880-24118-1 MS	CS-1 @ 8.5'	Total/NA	Solid	8021B	44805
880-24118-1 MSD	CS-1 @ 8.5'	Total/NA	Solid	8021B	44805

Analysis Batch: 44779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-21	CS-SW-6 @ 4.25'	Total/NA	Solid	8021B	44798
880-24118-22	CS-SW-7 @ 1.25'	Total/NA	Solid	8021B	44798
880-24118-23	CS-SW-8 @ 1.25'	Total/NA	Solid	8021B	44798
880-24118-24	CS-SW-9 @ 3.25'	Total/NA	Solid	8021B	44798
880-24118-25	CS-SW-10 @ 3.25'	Total/NA	Solid	8021B	44798
880-24118-26	CS-SW-11 @ 3.25'	Total/NA	Solid	8021B	44798
880-24118-27	CS-SW-12 @ 3.25'	Total/NA	Solid	8021B	44798
MB 880-44727/5-A	Method Blank	Total/NA	Solid	8021B	44727
MB 880-44798/5-A	Method Blank	Total/NA	Solid	8021B	44798
LCS 880-44798/1-A	Lab Control Sample	Total/NA	Solid	8021B	44798
LCSD 880-44798/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	44798
880-24118-21 MS	CS-SW-6 @ 4.25'	Total/NA	Solid	8021B	44798
880-24118-21 MSD	CS-SW-6 @ 4.25'	Total/NA	Solid	8021B	44798

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

GC VOA

Prep Batch: 44798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-21	CS-SW-6 @ 4.25'	Total/NA	Solid	5035	
880-24118-22	CS-SW-7 @ 1.25'	Total/NA	Solid	5035	
880-24118-23	CS-SW-8 @ 1.25'	Total/NA	Solid	5035	
880-24118-24	CS-SW-9 @ 3.25'	Total/NA	Solid	5035	
880-24118-25	CS-SW-10 @ 3.25'	Total/NA	Solid	5035	
880-24118-26	CS-SW-11 @ 3.25'	Total/NA	Solid	5035	
880-24118-27	CS-SW-12 @ 3.25'	Total/NA	Solid	5035	
MB 880-44798/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-44798/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-44798/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24118-21 MS	CS-SW-6 @ 4.25'	Total/NA	Solid	5035	
880-24118-21 MSD	CS-SW-6 @ 4.25'	Total/NA	Solid	5035	

Prep Batch: 44805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-1	CS-1 @ 8.5'	Total/NA	Solid	5035	
880-24118-2	CS-2 @ 8.5'	Total/NA	Solid	5035	
880-24118-3	CS-3 @ 8.5'	Total/NA	Solid	5035	
880-24118-4	CS-4 @ 8.5'	Total/NA	Solid	5035	
880-24118-5	CS-5 @ 8.5'	Total/NA	Solid	5035	
880-24118-6	CS-6 @ 2.5'	Total/NA	Solid	5035	
880-24118-7	CS-7 @ 2.5'	Total/NA	Solid	5035	
880-24118-8	CS-8 @ 2.5'	Total/NA	Solid	5035	
880-24118-9	CS-9 @ 2.5'	Total/NA	Solid	5035	
880-24118-10	CS-10 @ 2.5'	Total/NA	Solid	5035	
880-24118-11	CS-11 @ 6.5'	Total/NA	Solid	5035	
880-24118-12	CS-12 @ 6.5'	Total/NA	Solid	5035	
880-24118-13	CS-13 @ 6.5'	Total/NA	Solid	5035	
880-24118-14	CS-14 @ 6.5'	Total/NA	Solid	5035	
880-24118-15	CS-15 @ 6.5'	Total/NA	Solid	5035	
880-24118-16	CS-SW-1 @ 4.25'	Total/NA	Solid	5035	
880-24118-17	CS-SW-2 @ 4.25'	Total/NA	Solid	5035	
880-24118-18	CS-SW-3 @ 4.25'	Total/NA	Solid	5035	
880-24118-19	CS-SW-4 @ 4.25'	Total/NA	Solid	5035	
880-24118-20	CS-SW-5 @ 5.5'	Total/NA	Solid	5035	
MB 880-44805/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-44805/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-44805/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24118-1 MS	CS-1 @ 8.5'	Total/NA	Solid	5035	
880-24118-1 MSD	CS-1 @ 8.5'	Total/NA	Solid	5035	

Analysis Batch: 44893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-1	CS-1 @ 8.5'	Total/NA	Solid	Total BTEX	
880-24118-2	CS-2 @ 8.5'	Total/NA	Solid	Total BTEX	
880-24118-3	CS-3 @ 8.5'	Total/NA	Solid	Total BTEX	
880-24118-4	CS-4 @ 8.5'	Total/NA	Solid	Total BTEX	
880-24118-5	CS-5 @ 8.5'	Total/NA	Solid	Total BTEX	
880-24118-6	CS-6 @ 2.5'	Total/NA	Solid	Total BTEX	
880-24118-7	CS-7 @ 2.5'	Total/NA	Solid	Total BTEX	
880-24118-8	CS-8 @ 2.5'	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

GC VOA (Continued)

Analysis Batch: 44893 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-9	CS-9 @ 2.5'	Total/NA	Solid	Total BTEX	
880-24118-10	CS-10 @ 2.5'	Total/NA	Solid	Total BTEX	
880-24118-11	CS-11 @ 6.5'	Total/NA	Solid	Total BTEX	
880-24118-12	CS-12 @ 6.5'	Total/NA	Solid	Total BTEX	
880-24118-13	CS-13 @ 6.5'	Total/NA	Solid	Total BTEX	
880-24118-14	CS-14 @ 6.5'	Total/NA	Solid	Total BTEX	
880-24118-15	CS-15 @ 6.5'	Total/NA	Solid	Total BTEX	
880-24118-16	CS-SW-1 @ 4.25'	Total/NA	Solid	Total BTEX	
880-24118-17	CS-SW-2 @ 4.25'	Total/NA	Solid	Total BTEX	
880-24118-18	CS-SW-3 @ 4.25'	Total/NA	Solid	Total BTEX	
880-24118-19	CS-SW-4 @ 4.25'	Total/NA	Solid	Total BTEX	
880-24118-20	CS-SW-5 @ 5.5'	Total/NA	Solid	Total BTEX	
880-24118-21	CS-SW-6 @ 4.25'	Total/NA	Solid	Total BTEX	
880-24118-22	CS-SW-7 @ 1.25'	Total/NA	Solid	Total BTEX	
880-24118-23	CS-SW-8 @ 1.25'	Total/NA	Solid	Total BTEX	
880-24118-24	CS-SW-9 @ 3.25'	Total/NA	Solid	Total BTEX	
880-24118-25	CS-SW-10 @ 3.25'	Total/NA	Solid	Total BTEX	
880-24118-26	CS-SW-11 @ 3.25'	Total/NA	Solid	Total BTEX	
880-24118-27	CS-SW-12 @ 3.25'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 44796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-21	CS-SW-6 @ 4.25'	Total/NA	Solid	8015NM Prep	
880-24118-22	CS-SW-7 @ 1.25'	Total/NA	Solid	8015NM Prep	
880-24118-23	CS-SW-8 @ 1.25'	Total/NA	Solid	8015NM Prep	
880-24118-24	CS-SW-9 @ 3.25'	Total/NA	Solid	8015NM Prep	
880-24118-25	CS-SW-10 @ 3.25'	Total/NA	Solid	8015NM Prep	
880-24118-26	CS-SW-11 @ 3.25'	Total/NA	Solid	8015NM Prep	
880-24118-27	CS-SW-12 @ 3.25'	Total/NA	Solid	8015NM Prep	
MB 880-44796/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-44796/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-44796/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24118-21 MS	CS-SW-6 @ 4.25'	Total/NA	Solid	8015NM Prep	
880-24118-21 MSD	CS-SW-6 @ 4.25'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 44802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-21	CS-SW-6 @ 4.25'	Total/NA	Solid	8015B NM	44796
880-24118-22	CS-SW-7 @ 1.25'	Total/NA	Solid	8015B NM	44796
880-24118-23	CS-SW-8 @ 1.25'	Total/NA	Solid	8015B NM	44796
880-24118-24	CS-SW-9 @ 3.25'	Total/NA	Solid	8015B NM	44796
880-24118-25	CS-SW-10 @ 3.25'	Total/NA	Solid	8015B NM	44796
880-24118-26	CS-SW-11 @ 3.25'	Total/NA	Solid	8015B NM	44796
880-24118-27	CS-SW-12 @ 3.25'	Total/NA	Solid	8015B NM	44796
MB 880-44796/1-A	Method Blank	Total/NA	Solid	8015B NM	44796
LCS 880-44796/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	44796
LCSD 880-44796/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	44796
880-24118-21 MS	CS-SW-6 @ 4.25'	Total/NA	Solid	8015B NM	44796
880-24118-21 MSD	CS-SW-6 @ 4.25'	Total/NA	Solid	8015B NM	44796

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

GC Semi VOA

Prep Batch: 44806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-1	CS-1 @ 8.5'	Total/NA	Solid	8015NM Prep	
880-24118-2	CS-2 @ 8.5'	Total/NA	Solid	8015NM Prep	
880-24118-3	CS-3 @ 8.5'	Total/NA	Solid	8015NM Prep	
880-24118-4	CS-4 @ 8.5'	Total/NA	Solid	8015NM Prep	
880-24118-5	CS-5 @ 8.5'	Total/NA	Solid	8015NM Prep	
880-24118-6	CS-6 @ 2.5'	Total/NA	Solid	8015NM Prep	
880-24118-7	CS-7 @ 2.5'	Total/NA	Solid	8015NM Prep	
880-24118-8	CS-8 @ 2.5'	Total/NA	Solid	8015NM Prep	
880-24118-9	CS-9 @ 2.5'	Total/NA	Solid	8015NM Prep	
880-24118-10	CS-10 @ 2.5'	Total/NA	Solid	8015NM Prep	
880-24118-11	CS-11 @ 6.5'	Total/NA	Solid	8015NM Prep	
880-24118-12	CS-12 @ 6.5'	Total/NA	Solid	8015NM Prep	
880-24118-13	CS-13 @ 6.5'	Total/NA	Solid	8015NM Prep	
880-24118-14	CS-14 @ 6.5'	Total/NA	Solid	8015NM Prep	
880-24118-15	CS-15 @ 6.5'	Total/NA	Solid	8015NM Prep	
880-24118-16	CS-SW-1 @ 4.25'	Total/NA	Solid	8015NM Prep	
880-24118-17	CS-SW-2 @ 4.25'	Total/NA	Solid	8015NM Prep	
880-24118-18	CS-SW-3 @ 4.25'	Total/NA	Solid	8015NM Prep	
880-24118-19	CS-SW-4 @ 4.25'	Total/NA	Solid	8015NM Prep	
880-24118-20	CS-SW-5 @ 5.5'	Total/NA	Solid	8015NM Prep	
MB 880-44806/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-44806/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-44806/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24118-1 MS	CS-1 @ 8.5'	Total/NA	Solid	8015NM Prep	
880-24118-1 MSD	CS-1 @ 8.5'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 44811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-1	CS-1 @ 8.5'	Total/NA	Solid	8015B NM	44806
880-24118-2	CS-2 @ 8.5'	Total/NA	Solid	8015B NM	44806
880-24118-3	CS-3 @ 8.5'	Total/NA	Solid	8015B NM	44806
880-24118-4	CS-4 @ 8.5'	Total/NA	Solid	8015B NM	44806
880-24118-5	CS-5 @ 8.5'	Total/NA	Solid	8015B NM	44806
880-24118-6	CS-6 @ 2.5'	Total/NA	Solid	8015B NM	44806
880-24118-7	CS-7 @ 2.5'	Total/NA	Solid	8015B NM	44806
880-24118-8	CS-8 @ 2.5'	Total/NA	Solid	8015B NM	44806
880-24118-9	CS-9 @ 2.5'	Total/NA	Solid	8015B NM	44806
880-24118-10	CS-10 @ 2.5'	Total/NA	Solid	8015B NM	44806
880-24118-11	CS-11 @ 6.5'	Total/NA	Solid	8015B NM	44806
880-24118-12	CS-12 @ 6.5'	Total/NA	Solid	8015B NM	44806
880-24118-13	CS-13 @ 6.5'	Total/NA	Solid	8015B NM	44806
880-24118-14	CS-14 @ 6.5'	Total/NA	Solid	8015B NM	44806
880-24118-15	CS-15 @ 6.5'	Total/NA	Solid	8015B NM	44806
880-24118-16	CS-SW-1 @ 4.25'	Total/NA	Solid	8015B NM	44806
880-24118-17	CS-SW-2 @ 4.25'	Total/NA	Solid	8015B NM	44806
880-24118-18	CS-SW-3 @ 4.25'	Total/NA	Solid	8015B NM	44806
880-24118-19	CS-SW-4 @ 4.25'	Total/NA	Solid	8015B NM	44806
880-24118-20	CS-SW-5 @ 5.5'	Total/NA	Solid	8015B NM	44806
MB 880-44806/1-A	Method Blank	Total/NA	Solid	8015B NM	44806
LCS 880-44806/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	44806
LCSD 880-44806/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	44806

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

GC Semi VOA (Continued)

Analysis Batch: 44811 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-1 MS	CS-1 @ 8.5'	Total/NA	Solid	8015B NM	44806
880-24118-1 MSD	CS-1 @ 8.5'	Total/NA	Solid	8015B NM	44806

Analysis Batch: 44854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-1	CS-1 @ 8.5'	Total/NA	Solid	8015 NM	
880-24118-2	CS-2 @ 8.5'	Total/NA	Solid	8015 NM	
880-24118-3	CS-3 @ 8.5'	Total/NA	Solid	8015 NM	
880-24118-4	CS-4 @ 8.5'	Total/NA	Solid	8015 NM	
880-24118-5	CS-5 @ 8.5'	Total/NA	Solid	8015 NM	
880-24118-6	CS-6 @ 2.5'	Total/NA	Solid	8015 NM	
880-24118-7	CS-7 @ 2.5'	Total/NA	Solid	8015 NM	
880-24118-8	CS-8 @ 2.5'	Total/NA	Solid	8015 NM	
880-24118-9	CS-9 @ 2.5'	Total/NA	Solid	8015 NM	
880-24118-10	CS-10 @ 2.5'	Total/NA	Solid	8015 NM	
880-24118-11	CS-11 @ 6.5'	Total/NA	Solid	8015 NM	
880-24118-12	CS-12 @ 6.5'	Total/NA	Solid	8015 NM	
880-24118-13	CS-13 @ 6.5'	Total/NA	Solid	8015 NM	
880-24118-14	CS-14 @ 6.5'	Total/NA	Solid	8015 NM	
880-24118-15	CS-15 @ 6.5'	Total/NA	Solid	8015 NM	
880-24118-16	CS-SW-1 @ 4.25'	Total/NA	Solid	8015 NM	
880-24118-17	CS-SW-2 @ 4.25'	Total/NA	Solid	8015 NM	
880-24118-18	CS-SW-3 @ 4.25'	Total/NA	Solid	8015 NM	
880-24118-19	CS-SW-4 @ 4.25'	Total/NA	Solid	8015 NM	
880-24118-20	CS-SW-5 @ 5.5'	Total/NA	Solid	8015 NM	
880-24118-21	CS-SW-6 @ 4.25'	Total/NA	Solid	8015 NM	
880-24118-22	CS-SW-7 @ 1.25'	Total/NA	Solid	8015 NM	
880-24118-23	CS-SW-8 @ 1.25'	Total/NA	Solid	8015 NM	
880-24118-24	CS-SW-9 @ 3.25'	Total/NA	Solid	8015 NM	
880-24118-25	CS-SW-10 @ 3.25'	Total/NA	Solid	8015 NM	
880-24118-26	CS-SW-11 @ 3.25'	Total/NA	Solid	8015 NM	
880-24118-27	CS-SW-12 @ 3.25'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 44776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-1	CS-1 @ 8.5'	Soluble	Solid	DI Leach	
880-24118-2	CS-2 @ 8.5'	Soluble	Solid	DI Leach	
880-24118-3	CS-3 @ 8.5'	Soluble	Solid	DI Leach	
880-24118-4	CS-4 @ 8.5'	Soluble	Solid	DI Leach	
880-24118-5	CS-5 @ 8.5'	Soluble	Solid	DI Leach	
880-24118-6	CS-6 @ 2.5'	Soluble	Solid	DI Leach	
880-24118-7	CS-7 @ 2.5'	Soluble	Solid	DI Leach	
880-24118-8	CS-8 @ 2.5'	Soluble	Solid	DI Leach	
880-24118-9	CS-9 @ 2.5'	Soluble	Solid	DI Leach	
880-24118-10	CS-10 @ 2.5'	Soluble	Solid	DI Leach	
880-24118-11	CS-11 @ 6.5'	Soluble	Solid	DI Leach	
880-24118-12	CS-12 @ 6.5'	Soluble	Solid	DI Leach	
880-24118-13	CS-13 @ 6.5'	Soluble	Solid	DI Leach	
880-24118-14	CS-14 @ 6.5'	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

HPLC/IC (Continued)

Leach Batch: 44776 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-15	CS-15 @ 6.5'	Soluble	Solid	DI Leach	
880-24118-16	CS-SW-1 @ 4.25'	Soluble	Solid	DI Leach	
880-24118-17	CS-SW-2 @ 4.25'	Soluble	Solid	DI Leach	
880-24118-18	CS-SW-3 @ 4.25'	Soluble	Solid	DI Leach	
880-24118-19	CS-SW-4 @ 4.25'	Soluble	Solid	DI Leach	
880-24118-20	CS-SW-5 @ 5.5'	Soluble	Solid	DI Leach	
MB 880-44776/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44776/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-44776/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24118-1 MS	CS-1 @ 8.5'	Soluble	Solid	DI Leach	
880-24118-1 MSD	CS-1 @ 8.5'	Soluble	Solid	DI Leach	
880-24118-11 MS	CS-11 @ 6.5'	Soluble	Solid	DI Leach	
880-24118-11 MSD	CS-11 @ 6.5'	Soluble	Solid	DI Leach	

Leach Batch: 44777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-21	CS-SW-6 @ 4.25'	Soluble	Solid	DI Leach	
880-24118-22	CS-SW-7 @ 1.25'	Soluble	Solid	DI Leach	
880-24118-23	CS-SW-8 @ 1.25'	Soluble	Solid	DI Leach	
880-24118-24	CS-SW-9 @ 3.25'	Soluble	Solid	DI Leach	
880-24118-25	CS-SW-10 @ 3.25'	Soluble	Solid	DI Leach	
880-24118-26	CS-SW-11 @ 3.25'	Soluble	Solid	DI Leach	
880-24118-27	CS-SW-12 @ 3.25'	Soluble	Solid	DI Leach	
MB 880-44777/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44777/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-44777/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24118-21 MS	CS-SW-6 @ 4.25'	Soluble	Solid	DI Leach	
880-24118-21 MSD	CS-SW-6 @ 4.25'	Soluble	Solid	DI Leach	

Analysis Batch: 44814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-1	CS-1 @ 8.5'	Soluble	Solid	300.0	44776
880-24118-2	CS-2 @ 8.5'	Soluble	Solid	300.0	44776
880-24118-3	CS-3 @ 8.5'	Soluble	Solid	300.0	44776
880-24118-4	CS-4 @ 8.5'	Soluble	Solid	300.0	44776
880-24118-5	CS-5 @ 8.5'	Soluble	Solid	300.0	44776
880-24118-6	CS-6 @ 2.5'	Soluble	Solid	300.0	44776
880-24118-7	CS-7 @ 2.5'	Soluble	Solid	300.0	44776
880-24118-8	CS-8 @ 2.5'	Soluble	Solid	300.0	44776
880-24118-9	CS-9 @ 2.5'	Soluble	Solid	300.0	44776
880-24118-10	CS-10 @ 2.5'	Soluble	Solid	300.0	44776
880-24118-11	CS-11 @ 6.5'	Soluble	Solid	300.0	44776
880-24118-12	CS-12 @ 6.5'	Soluble	Solid	300.0	44776
880-24118-13	CS-13 @ 6.5'	Soluble	Solid	300.0	44776
880-24118-14	CS-14 @ 6.5'	Soluble	Solid	300.0	44776
880-24118-15	CS-15 @ 6.5'	Soluble	Solid	300.0	44776
880-24118-16	CS-SW-1 @ 4.25'	Soluble	Solid	300.0	44776
880-24118-17	CS-SW-2 @ 4.25'	Soluble	Solid	300.0	44776
880-24118-18	CS-SW-3 @ 4.25'	Soluble	Solid	300.0	44776
880-24118-19	CS-SW-4 @ 4.25'	Soluble	Solid	300.0	44776
880-24118-20	CS-SW-5 @ 5.5'	Soluble	Solid	300.0	44776

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

HPLC/IC (Continued)

Analysis Batch: 44814 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-44776/1-A	Method Blank	Soluble	Solid	300.0	44776
LCS 880-44776/2-A	Lab Control Sample	Soluble	Solid	300.0	44776
LCSD 880-44776/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	44776
880-24118-1 MS	CS-1 @ 8.5'	Soluble	Solid	300.0	44776
880-24118-1 MSD	CS-1 @ 8.5'	Soluble	Solid	300.0	44776
880-24118-11 MS	CS-11 @ 6.5'	Soluble	Solid	300.0	44776
880-24118-11 MSD	CS-11 @ 6.5'	Soluble	Solid	300.0	44776

Analysis Batch: 44818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24118-21	CS-SW-6 @ 4.25'	Soluble	Solid	300.0	44777
880-24118-22	CS-SW-7 @ 1.25'	Soluble	Solid	300.0	44777
880-24118-23	CS-SW-8 @ 1.25'	Soluble	Solid	300.0	44777
880-24118-24	CS-SW-9 @ 3.25'	Soluble	Solid	300.0	44777
880-24118-25	CS-SW-10 @ 3.25'	Soluble	Solid	300.0	44777
880-24118-26	CS-SW-11 @ 3.25'	Soluble	Solid	300.0	44777
880-24118-27	CS-SW-12 @ 3.25'	Soluble	Solid	300.0	44777
MB 880-44777/1-A	Method Blank	Soluble	Solid	300.0	44777
LCS 880-44777/2-A	Lab Control Sample	Soluble	Solid	300.0	44777
LCSD 880-44777/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	44777
880-24118-21 MS	CS-SW-6 @ 4.25'	Soluble	Solid	300.0	44777
880-24118-21 MSD	CS-SW-6 @ 4.25'	Soluble	Solid	300.0	44777

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-1 @ 8.5'**Lab Sample ID: 880-24118-1****Date Collected: 01/25/23 11:00****Matrix: Solid****Date Received: 01/26/23 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/26/23 22:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 13:07	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 11:27	CH	EET MID

Client Sample ID: CS-2 @ 8.5'**Lab Sample ID: 880-24118-2****Date Collected: 01/25/23 11:10****Matrix: Solid****Date Received: 01/26/23 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/26/23 22:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 14:12	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 11:41	CH	EET MID

Client Sample ID: CS-3 @ 8.5'**Lab Sample ID: 880-24118-3****Date Collected: 01/25/23 11:20****Matrix: Solid****Date Received: 01/26/23 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/26/23 23:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 14:33	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 11:46	CH	EET MID

Client Sample ID: CS-4 @ 8.5'**Lab Sample ID: 880-24118-4****Date Collected: 01/25/23 11:30****Matrix: Solid****Date Received: 01/26/23 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/26/23 23:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-4 @ 8.5'

Lab Sample ID: 880-24118-4

Date Collected: 01/25/23 11:30

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 14:54	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 11:51	CH	EET MID

Client Sample ID: CS-5 @ 8.5'

Lab Sample ID: 880-24118-5

Date Collected: 01/25/23 11:40

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/26/23 23:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 15:15	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 11:56	CH	EET MID

Client Sample ID: CS-6 @ 2.5'

Lab Sample ID: 880-24118-6

Date Collected: 01/25/23 11:50

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 00:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 15:36	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 12:10	CH	EET MID

Client Sample ID: CS-7 @ 2.5'

Lab Sample ID: 880-24118-7

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 00:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 15:56	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-7 @ 2.5'

Lab Sample ID: 880-24118-7

Date Collected: 01/25/23 12:00

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 12:15	CH	EET MID

Client Sample ID: CS-8 @ 2.5'

Lab Sample ID: 880-24118-8

Date Collected: 01/25/23 12:05

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 00:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 16:17	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 12:20	CH	EET MID

Client Sample ID: CS-9 @ 2.5'

Lab Sample ID: 880-24118-9

Date Collected: 01/25/23 12:10

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 01:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 16:38	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 12:25	CH	EET MID

Client Sample ID: CS-10 @ 2.5'

Lab Sample ID: 880-24118-10

Date Collected: 01/25/23 12:15

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 01:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 16:58	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 12:30	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-11 @ 6.5'

Lab Sample ID: 880-24118-11

Date Collected: 01/25/23 14:00

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 02:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 17:41	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 12:35	CH	EET MID

Client Sample ID: CS-12 @ 6.5'

Lab Sample ID: 880-24118-12

Date Collected: 01/25/23 14:05

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 03:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 18:03	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 12:49	CH	EET MID

Client Sample ID: CS-13 @ 6.5'

Lab Sample ID: 880-24118-13

Date Collected: 01/25/23 14:10

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 03:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 18:25	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 12:54	CH	EET MID

Client Sample ID: CS-14 @ 6.5'

Lab Sample ID: 880-24118-14

Date Collected: 01/25/23 14:15

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 03:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-14 @ 6.5'

Lab Sample ID: 880-24118-14

Date Collected: 01/25/23 14:15

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 18:46	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 13:09	CH	EET MID

Client Sample ID: CS-15 @ 6.5'

Lab Sample ID: 880-24118-15

Date Collected: 01/25/23 14:20

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 04:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 19:07	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 13:14	CH	EET MID

Client Sample ID: CS-SW-1 @ 4.25'

Lab Sample ID: 880-24118-16

Date Collected: 01/25/23 12:20

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 04:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 19:28	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 13:19	CH	EET MID

Client Sample ID: CS-SW-2 @ 4.25'

Lab Sample ID: 880-24118-17

Date Collected: 01/25/23 12:25

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 05:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 19:50	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-2 @ 4.25'

Lab Sample ID: 880-24118-17

Date Collected: 01/25/23 12:25

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 13:23	CH	EET MID

Client Sample ID: CS-SW-3 @ 4.25'

Lab Sample ID: 880-24118-18

Date Collected: 01/25/23 12:30

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 05:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 20:11	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 13:28	CH	EET MID

Client Sample ID: CS-SW-4 @ 4.25'

Lab Sample ID: 880-24118-19

Date Collected: 01/25/23 12:35

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 05:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 20:32	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 13:33	CH	EET MID

Client Sample ID: CS-SW-5 @ 5.5'

Lab Sample ID: 880-24118-20

Date Collected: 01/25/23 12:40

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	44805	01/26/23 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44778	01/27/23 06:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44806	01/26/23 09:17	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44811	01/26/23 20:53	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	44776	01/26/23 08:00	CH	EET MID
Soluble	Analysis	300.0		1			44814	01/26/23 13:38	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-6 @ 4.25'

Lab Sample ID: 880-24118-21

Date Collected: 01/25/23 12:45

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	44798	01/26/23 08:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44779	01/27/23 01:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 09:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/26/23 16:18	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	44796	01/26/23 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44802	01/26/23 12:24	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	44777	01/26/23 08:02	CH	EET MID
Soluble	Analysis	300.0		1			44818	01/26/23 17:12	CH	EET MID

Client Sample ID: CS-SW-7 @ 1.25'

Lab Sample ID: 880-24118-22

Date Collected: 01/25/23 12:50

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	44798	01/26/23 08:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44779	01/27/23 01:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 09:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44796	01/26/23 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44802	01/26/23 18:08	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44777	01/26/23 08:02	CH	EET MID
Soluble	Analysis	300.0		1			44818	01/26/23 17:26	CH	EET MID

Client Sample ID: CS-SW-8 @ 1.25'

Lab Sample ID: 880-24118-23

Date Collected: 01/25/23 14:25

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	44798	01/26/23 08:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44779	01/27/23 02:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 09:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44796	01/26/23 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44802	01/26/23 18:28	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	44777	01/26/23 08:02	CH	EET MID
Soluble	Analysis	300.0		1			44818	01/26/23 17:31	CH	EET MID

Client Sample ID: CS-SW-9 @ 3.25'

Lab Sample ID: 880-24118-24

Date Collected: 01/25/23 14:30

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	44798	01/26/23 08:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44779	01/27/23 02:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 09:44	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-9 @ 3.25'

Lab Sample ID: 880-24118-24

Date Collected: 01/25/23 14:30

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44796	01/26/23 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44802	01/26/23 18:47	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44777	01/26/23 08:02	CH	EET MID
Soluble	Analysis	300.0		1			44818	01/26/23 17:36	CH	EET MID

Client Sample ID: CS-SW-10 @ 3.25'

Lab Sample ID: 880-24118-25

Date Collected: 01/25/23 14:35

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	44798	01/26/23 08:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44779	01/27/23 03:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 09:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44796	01/26/23 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44802	01/26/23 19:07	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	44777	01/26/23 08:02	CH	EET MID
Soluble	Analysis	300.0		1			44818	01/26/23 17:41	CH	EET MID

Client Sample ID: CS-SW-11 @ 3.25'

Lab Sample ID: 880-24118-26

Date Collected: 01/25/23 14:40

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	44798	01/26/23 08:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44779	01/27/23 03:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 09:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44796	01/26/23 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44802	01/26/23 19:27	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	44777	01/26/23 08:02	CH	EET MID
Soluble	Analysis	300.0		1			44818	01/26/23 17:55	CH	EET MID

Client Sample ID: CS-SW-12 @ 3.25'

Lab Sample ID: 880-24118-27

Date Collected: 01/25/23 14:45

Matrix: Solid

Date Received: 01/26/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	44798	01/26/23 08:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44779	01/27/23 03:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44893	01/27/23 09:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44854	01/27/23 11:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44796	01/26/23 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44802	01/26/23 19:48	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Client Sample ID: CS-SW-12 @ 3.25'
Date Collected: 01/25/23 14:45
Date Received: 01/26/23 08:00

Lab Sample ID: 880-24118-27
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			5.01 g	50 mL	44777	01/26/23 08:02	CH	EET MID
Soluble	Analysis	300.0		1			44818	01/26/23 18:00	CH	EET MID

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

- 1
- 2
- 3
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Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: 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	T104704400-22-25	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: 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	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24118-1
SDG: Jal. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-24118-1	CS-1 @ 8.5'	Solid	01/25/23 11:00	01/26/23 08:00	
880-24118-2	CS-2 @ 8.5'	Solid	01/25/23 11:10	01/26/23 08:00	
880-24118-3	CS-3 @ 8.5'	Solid	01/25/23 11:20	01/26/23 08:00	
880-24118-4	CS-4 @ 8.5'	Solid	01/25/23 11:30	01/26/23 08:00	
880-24118-5	CS-5 @ 8.5'	Solid	01/25/23 11:40	01/26/23 08:00	
880-24118-6	CS-6 @ 2.5'	Solid	01/25/23 11:50	01/26/23 08:00	
880-24118-7	CS-7 @ 2.5'	Solid	01/25/23 12:00	01/26/23 08:00	
880-24118-8	CS-8 @ 2.5'	Solid	01/25/23 12:05	01/26/23 08:00	
880-24118-9	CS-9 @ 2.5'	Solid	01/25/23 12:10	01/26/23 08:00	
880-24118-10	CS-10 @ 2.5'	Solid	01/25/23 12:15	01/26/23 08:00	
880-24118-11	CS-11 @ 6.5'	Solid	01/25/23 14:00	01/26/23 08:00	6.5'
880-24118-12	CS-12 @ 6.5'	Solid	01/25/23 14:05	01/26/23 08:00	6.5'
880-24118-13	CS-13 @ 6.5'	Solid	01/25/23 14:10	01/26/23 08:00	6.5'
880-24118-14	CS-14 @ 6.5'	Solid	01/25/23 14:15	01/26/23 08:00	6.5'
880-24118-15	CS-15 @ 6.5'	Solid	01/25/23 14:20	01/26/23 08:00	6.5'
880-24118-16	CS-SW-1 @ 4.25'	Solid	01/25/23 12:20	01/26/23 08:00	4.25'
880-24118-17	CS-SW-2 @ 4.25'	Solid	01/25/23 12:25	01/26/23 08:00	4.25'
880-24118-18	CS-SW-3 @ 4.25'	Solid	01/25/23 12:30	01/26/23 08:00	4.25'
880-24118-19	CS-SW-4 @ 4.25'	Solid	01/25/23 12:35	01/26/23 08:00	4.25'
880-24118-20	CS-SW-5 @ 5.5'	Solid	01/25/23 12:40	01/26/23 08:00	5.5'
880-24118-21	CS-SW-6 @ 4.25'	Solid	01/25/23 12:45	01/26/23 08:00	4.25'
880-24118-22	CS-SW-7 @ 1.25'	Solid	01/25/23 12:50	01/26/23 08:00	1.25'
880-24118-23	CS-SW-8 @ 1.25'	Solid	01/25/23 14:25	01/26/23 08:00	1.25'
880-24118-24	CS-SW-9 @ 3.25'	Solid	01/25/23 14:30	01/26/23 08:00	3.25'
880-24118-25	CS-SW-10 @ 3.25'	Solid	01/25/23 14:35	01/26/23 08:00	3.25'
880-24118-26	CS-SW-11 @ 3.25'	Solid	01/25/23 14:40	01/26/23 08:00	3.25'
880-24118-27	CS-SW-12 @ 3.25'	Solid	01/25/23 14:45	01/26/23 08:00	3.25'



Environment Testing
Xenico

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

Chain of Custody

Work Order No: 24118

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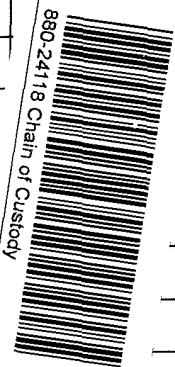
Project Manager:	Jared Stacey	Bill to: (if different)	
Company Name:	TBL	Company Name:	
Address:	10 Decker Dr Ste 130E	Address:	
City/State/Zip:	Midland, TX 79705	City/State/Zip:	
Phone:	432-238-3803	Email:	Jared.MSH@TBLTarrant.com

Work Order Comments			
Program:	UST/PT	PRP	Brownfields
State of Project:	MM		RRC
Reporting	Level II	Level III	Level IV
Deliverables:	EDD	ADAPT	Other

Project Name:	AZORES Federal Com Cont	Turn Around	Pres. Code
Project Number:	49916	☐ Routine	☒ Rush
Project Location:	Dea NM	Due Date:	
Sampler's Name:	MSH Bryant	TAT starts the day received by the lab, if received by 4:30pm	
PG #:			

SAMPLE RECEIPT		Parameters	
Samples Received Intact:	Temp Blank: Yes ☒ No ☒	Wet Ice: Yes ☒ No ☒	
Cooler Custody Seals:	Yes ☒ No ☒	Thermometer ID:	0.1
Sample Custody Seals:	Yes ☒ No ☒	Correction Factor:	
Total Containers:	Corrected Temperature:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes
CS-1 08.5'	S	1/25/23	1100				TPH 8015M	None NO
CS-2 08.5'			1116				BTEX 8021B	DI Water H ₂ O
CS-3 08.5'			1120				Chloride	Cool Cool
CS-4 08.5'			1130					HCL, HC
CS-5 08.5'			1140					H ₂ SO ₄ H ₂
CS-6 02.5'			1150					H ₃ PO ₄ HP
CS-7 02.5'			1200					NaHSO ₄ NABIS
CS-8 02.5'			1205					Na ₂ S ₂ O ₃ NaSO ₃
CS-9 02.5'			1210					Zn Acetate+NaOH Zn
CS-10 02.5'			1215					NaOH+Ascorbic Acid SAPC



880-24118 Chain of Custody

Total 2007 / 6010	2008 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SIO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 245 1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenico, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenico 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 Xenico. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenico, 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
MSH Bryant	Jared Stacey	1/25/23			



Environment Testing Xenco

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Midland, TX (432) 704-5440 San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No:

20118

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Page 2 of 3

Project Manager	Jared Sheffield	Bill to (if different)	
Company Name	JRC	Company Name	
Address	10 Dista Dr. Ste 130E	Address	
City/State/Zip	Midland, TX 79705	City/State/Zip	
Phone	432-238-3003	Email	Jared.Mish@JRC.com

Work Order Comments	
Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund	
State of Project: ☒ AMM	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name	Acres Federal Cem Cont	Turn Around	24 hr	Pres. Code		ANALYSIS REQUEST												Preservative Codes
Project Number	49916	☐ Routine ☒ Rush																None NO
Project Location	Jal, NM	Due Date														Cool Cool		
Sampler's Name	M. Sh Bryant	TAT starts the day received by the lab, if received by 4:30pm														MeOH Me		
PO #																HCL HC		
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No															H ₂ SO ₄ H ₂	
Samples Received Intact:	☒ Yes ☒ No	Thermometer ID:															H ₃ PO ₄ HP	
Cooler Custody Seals:	☒ Yes ☒ No	Correction Factor:															NaHSO ₄ NABIS	
Sample Custody Seals:	☒ Yes ☒ No	Temperature Reading:															Na ₂ S ₂ O ₃ NaSO ₃	
Total Containers:		Corrected Temperature:															Zn Acetate-NaOH Zn	
																	NaOH+Ascorbic Acid SAPC	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	TPH	BTEX	Chloride															Sample Comments
CS-11 06.5'	S	1/25/23	1400	6.5'	C	1	X	X	X															402
CS-12 06.5'			1405																					
CS-13 06.5'			1410																					
CS-14 06.5'			1415																					
CS-15 06.5'			1420																					
CS-SW-1 04.25'			1220	4.25'																				
CS-SW-2 04.25'			1225																					
CS-SW-3 04.25'			1230																					
CS-SW-4 04.25'			1235																					
CS-SW-5 05.5'			1240	5.5'																				

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Ti	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U																												

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
M. Sh Bryant	Jared Sheffield	1/25/23			



Environment Testing
Xenco

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El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7350, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No:

24118

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Project Manager:	Jared Stetler	Bill to: (if different)	
Company Name:	T&C	Company Name:	
Address:	10 DeSoto Dr. Ste 130E	Address:	
City/State/Zip:	Midland, TX 79705	City/State/Zip:	
Phone:	432-238-3003	Email:	Jared.Stetler@T&C.com

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

Project Name:	Atascos Federal Cem Cont	Turn Around	
Project Number:	499166	☐ Routine ☒ Rush 24 hr	Pres. Code
Project Location:	Del, NM	Due Date:	
Sampler's Name:	Mush Bryant	TAT starts the day received by the lab, if received by 4:30pm	
PO #			
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No	Parameters
Samples Received Intact:	☒ Yes ☒ No	Thermometer ID:	
Cooler Custody Seals:	☒ Yes ☒ No	Correction Factor:	
Sample Custody Seals:	☒ Yes ☒ No	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	TPH	BTEX	Chloride	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-SW-6 @ 1.25'	S	1/25/23	1245	1.25'	C	1	X	X	X		None NO	DI Water H ₂ O
CS-SW-7 @ 1.25'	S	1/25/23	1250	1.25'	C	1	X	X	X		Cool Cool	MeOH Me
CS-SW-8 @ 4.5'	S	1/25/23	1425	4.5'	C	1	X	X	X		HCL HC	HNO ₃ HN
CS-SW-9 @ 3.25'	S	1/25/23	1430	3.25'	C	1	X	X	X		H ₂ SO ₄ H ₂	NaOH Na
CS-SW-10 @ 3.25'	S	1/25/23	1435		C	1	X	X	X		H ₃ PO ₄ HP	
CS-SW-11 @ 3.25'	S	1/25/23	1440		C	1	X	X	X		NaHSO ₄ NABIS	
CS-SW-12 @ 3.25'	S	1/25/23	1445		C	1	X	X	X		Na ₂ S ₂ 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 SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2451 / 7470 / 7471

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
Mush Bryant	Jared Stetler	1/26/23			

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-24118-1

SDG Number: Jal. NM

Login Number: 24118

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/31/2023 1:23:12 PM

JOB DESCRIPTION

Azores Federal Com 004H
SDG NUMBER Jal, NM

JOB NUMBER

880-24172-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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
1/31/2023 1:23:12 PM

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

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Laboratory Job ID: 880-24172-1
SDG: Jal, NM

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Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low 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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Job ID: 880-24172-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-24172-1**

Receipt

The samples were received on 1/27/2023 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C

Receipt Exceptions

The following samples analyzed for method <TPH 8015> were received and analyzed from an unpreserved bulk soil jar.

GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-44827 and analytical batch 880-44880 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-20 @ 7.5' (880-24172-5) and CS-21 @ 7.5' (880-24172-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-20 @ 7.5' (880-24172-5) and CS-SW-14 @ 2.25' (880-24172-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-44925 and analytical batch 880-44988 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.

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: Surrogate recovery for the following samples were outside control limits: (880-24147-A-21-H MS) and (880-24147-A-21-I 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: CS-18 @ 4.5' (880-24172-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-16 @ 4.5' (880-24172-1), (880-24172-A-1-D MS) and (880-24172-A-1-E 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: CS-SW-18 @ 3.75' (880-24172-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-44944 and analytical batch 880-44886 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

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: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-16 @ 4.5'

Lab Sample ID: 880-24172-1

Date Collected: 01/26/23 13:00

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 4.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/27/23 08:29	01/27/23 16:38	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/27/23 08:29	01/27/23 16:38	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/27/23 08:29	01/27/23 16:38	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/27/23 08:29	01/27/23 16:38	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/27/23 08:29	01/27/23 16:38	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/27/23 08:29	01/27/23 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	01/27/23 08:29	01/27/23 16:38	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/27/23 08:29	01/27/23 16:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/30/23 11:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/27/23 16:20	01/27/23 23:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/27/23 16:20	01/27/23 23:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/27/23 16:20	01/27/23 23:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	01/27/23 16:20	01/27/23 23:13	1
o-Terphenyl	63	S1-	70 - 130	01/27/23 16:20	01/27/23 23:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.1		5.02	mg/Kg			01/29/23 16:01	1

Client Sample ID: CS-17 @ 4.5'

Lab Sample ID: 880-24172-2

Date Collected: 01/26/23 13:05

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 4.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 16:59	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 16:59	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 16:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/27/23 08:29	01/27/23 16:59	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 16:59	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/27/23 08:29	01/27/23 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	01/27/23 08:29	01/27/23 16:59	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-17 @ 4.5'

Lab Sample ID: 880-24172-2

Date Collected: 01/26/23 13:05

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 4.5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	01/27/23 08:29	01/27/23 16:59	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			01/30/23 11:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 17:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 17:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 17:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130			01/27/23 08:33	01/27/23 17:55	1
o-Terphenyl	75		70 - 130			01/27/23 08:33	01/27/23 17:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.2		4.97	mg/Kg			01/29/23 16:16	1

Client Sample ID: CS-18 @ 4.5'

Lab Sample ID: 880-24172-3

Date Collected: 01/26/23 13:10

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 4.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/27/23 08:29	01/27/23 17:20	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/27/23 08:29	01/27/23 17:20	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/27/23 08:29	01/27/23 17:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/27/23 08:29	01/27/23 17:20	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/27/23 08:29	01/27/23 17:20	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/27/23 08:29	01/27/23 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	01/27/23 08:29	01/27/23 17:20	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/27/23 08:29	01/27/23 17:20	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			01/30/23 11:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/30/23 10:03	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-18 @ 4.5'

Lab Sample ID: 880-24172-3

Date Collected: 01/26/23 13:10

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 4.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 18:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 18:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 18:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130			01/27/23 08:33	01/27/23 18:16	1
o-Terphenyl	69	S1-	70 - 130			01/27/23 08:33	01/27/23 18:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	148		4.99	mg/Kg			01/29/23 16:21	1

Client Sample ID: CS-19 @ 4.5'

Lab Sample ID: 880-24172-4

Date Collected: 01/26/23 13:15

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 4.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 17:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 17:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 17:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/27/23 08:29	01/27/23 17:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 17:40	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/27/23 08:29	01/27/23 17:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130			01/27/23 08:29	01/27/23 17:40	1
1,4-Difluorobenzene (Surr)	103		70 - 130			01/27/23 08:29	01/27/23 17:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/30/23 11:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/27/23 08:33	01/27/23 18:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/27/23 08:33	01/27/23 18:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/27/23 08:33	01/27/23 18:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130			01/27/23 08:33	01/27/23 18:39	1
o-Terphenyl	78		70 - 130			01/27/23 08:33	01/27/23 18:39	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-19 @ 4.5'

Lab Sample ID: 880-24172-4

Date Collected: 01/26/23 13:15

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 4.5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	149		5.05	mg/Kg			01/29/23 16:25	1

Client Sample ID: CS-20 @ 7.5'

Lab Sample ID: 880-24172-5

Date Collected: 01/26/23 11:35

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 7.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.290		0.0398	mg/Kg		01/27/23 08:29	01/27/23 19:23	20
Toluene	5.58		0.0398	mg/Kg		01/27/23 08:29	01/27/23 19:23	20
Ethylbenzene	4.09		0.0398	mg/Kg		01/27/23 08:29	01/27/23 19:23	20
m-Xylene & p-Xylene	29.8	*- *1	0.400	mg/Kg		01/27/23 12:27	01/30/23 20:26	100
o-Xylene	6.22		0.0398	mg/Kg		01/27/23 08:29	01/27/23 19:23	20
Xylenes, Total	40.2	*- *1	0.400	mg/Kg		01/27/23 12:27	01/30/23 20:26	100
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	338	S1+	70 - 130			01/27/23 08:29	01/27/23 19:23	20
1,4-Difluorobenzene (Surr)	104		70 - 130			01/27/23 08:29	01/27/23 19:23	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	46.0		0.400	mg/Kg			01/30/23 11:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3570		50.0	mg/Kg			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	794		50.0	mg/Kg		01/27/23 08:33	01/27/23 19:02	1
Diesel Range Organics (Over C10-C28)	2410		50.0	mg/Kg		01/27/23 08:33	01/27/23 19:02	1
Oil Range Organics (Over C28-C36)	369		50.0	mg/Kg		01/27/23 08:33	01/27/23 19:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			01/27/23 08:33	01/27/23 19:02	1
o-Terphenyl	85		70 - 130			01/27/23 08:33	01/27/23 19:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1970		25.2	mg/Kg			01/29/23 16:30	5

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-21 @7.5'

Lab Sample ID: 880-24172-6

Date Collected: 01/26/23 11:40

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 7.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.348		0.0398	mg/Kg		01/27/23 08:29	01/27/23 19:44	20
Toluene	5.59		0.0398	mg/Kg		01/27/23 08:29	01/27/23 19:44	20
Ethylbenzene	3.48		0.0398	mg/Kg		01/27/23 08:29	01/27/23 19:44	20
m-Xylene & p-Xylene	14.0		0.0795	mg/Kg		01/27/23 08:29	01/27/23 19:44	20
o-Xylene	5.27		0.0398	mg/Kg		01/27/23 08:29	01/27/23 19:44	20
Xylenes, Total	19.3		0.0795	mg/Kg		01/27/23 08:29	01/27/23 19:44	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	268	S1+	70 - 130	01/27/23 08:29	01/27/23 19:44	20
1,4-Difluorobenzene (Surr)	103		70 - 130	01/27/23 08:29	01/27/23 19:44	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	28.7		0.0795	mg/Kg			01/30/23 11:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3480		49.9	mg/Kg			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	951		49.9	mg/Kg		01/27/23 08:33	01/27/23 19:26	1
Diesel Range Organics (Over C10-C28)	2150		49.9	mg/Kg		01/27/23 08:33	01/27/23 19:26	1
Oil Range Organics (Over C28-C36)	378		49.9	mg/Kg		01/27/23 08:33	01/27/23 19:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	01/27/23 08:33	01/27/23 19:26	1
o-Terphenyl	78		70 - 130	01/27/23 08:33	01/27/23 19:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1920		25.0	mg/Kg			01/29/23 16:45	5

Client Sample ID: CS-22 @ 7.5'

Lab Sample ID: 880-24172-7

Date Collected: 01/26/23 11:45

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 7.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 18:01	1
Toluene	0.00267		0.00200	mg/Kg		01/27/23 08:29	01/27/23 18:01	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 18:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/27/23 08:29	01/27/23 18:01	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 18:01	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/27/23 08:29	01/27/23 18:01	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-22 @ 7.5'

Lab Sample ID: 880-24172-7

Date Collected: 01/26/23 11:45

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 7.5'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	01/27/23 08:29	01/27/23 18:01	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/27/23 08:29	01/27/23 18:01	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			01/30/23 11:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	235		49.9	mg/Kg			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 19:51	1
Diesel Range Organics (Over C10-C28)	161		49.9	mg/Kg		01/27/23 08:33	01/27/23 19:51	1
Oil Range Organics (Over C28-C36)	74.2		49.9	mg/Kg		01/27/23 08:33	01/27/23 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	01/27/23 08:33	01/27/23 19:51	1
o-Terphenyl	79		70 - 130	01/27/23 08:33	01/27/23 19:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8580		50.0	mg/Kg			01/29/23 16:49	10

Client Sample ID: CS-23 @ 7.5'

Lab Sample ID: 880-24172-8

Date Collected: 01/26/23 11:50

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 7.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/27/23 08:29	01/27/23 18:21	1
Toluene	0.00427		0.00201	mg/Kg		01/27/23 08:29	01/27/23 18:21	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/27/23 08:29	01/27/23 18:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/27/23 08:29	01/27/23 18:21	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/27/23 08:29	01/27/23 18:21	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/27/23 08:29	01/27/23 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	01/27/23 08:29	01/27/23 18:21	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/27/23 08:29	01/27/23 18:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00427		0.00402	mg/Kg			01/30/23 11:35	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-23 @ 7.5'

Lab Sample ID: 880-24172-8

Date Collected: 01/26/23 11:50

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 7.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	134		49.9	mg/Kg			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 20:14	1
Diesel Range Organics (Over C10-C28)	134		49.9	mg/Kg		01/27/23 08:33	01/27/23 20:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 20:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130			01/27/23 08:33	01/27/23 20:14	1
o-Terphenyl	93		70 - 130			01/27/23 08:33	01/27/23 20:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8470		50.3	mg/Kg			01/29/23 16:54	10

Client Sample ID: CS-24 @ 7.5'

Lab Sample ID: 880-24172-9

Date Collected: 01/26/23 11:55

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 7.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 18:42	1
Toluene	0.00221		0.00200	mg/Kg		01/27/23 08:29	01/27/23 18:42	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 18:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/27/23 08:29	01/27/23 18:42	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 18:42	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/27/23 08:29	01/27/23 18:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130			01/27/23 08:29	01/27/23 18:42	1
1,4-Difluorobenzene (Surr)	109		70 - 130			01/27/23 08:29	01/27/23 18:42	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			01/30/23 11:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	85.3		49.9	mg/Kg			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 20:36	1
Diesel Range Organics (Over C10-C28)	85.3		49.9	mg/Kg		01/27/23 08:33	01/27/23 20:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 20:36	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-24 @ 7.5'

Lab Sample ID: 880-24172-9

Date Collected: 01/26/23 11:55

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 7.5'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	01/27/23 08:33	01/27/23 20:36	1
o-Terphenyl	84		70 - 130	01/27/23 08:33	01/27/23 20:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8640		50.2	mg/Kg			01/29/23 16:59	10

Client Sample ID: CS-SW-13 @ 2.25'

Lab Sample ID: 880-24172-10

Date Collected: 01/26/23 13:20

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 2.25'

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		01/27/23 08:29	01/27/23 19:02	1
Toluene	0.00510		0.00198	mg/Kg		01/27/23 08:29	01/27/23 19:02	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/27/23 08:29	01/27/23 19:02	1
m-Xylene & p-Xylene	0.00641		0.00396	mg/Kg		01/27/23 08:29	01/27/23 19:02	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/27/23 08:29	01/27/23 19:02	1
Xylenes, Total	0.00641		0.00396	mg/Kg		01/27/23 08:29	01/27/23 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	01/27/23 08:29	01/27/23 19:02	1
1,4-Difluorobenzene (Surr)	113		70 - 130	01/27/23 08:29	01/27/23 19:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0115		0.00396	mg/Kg			01/30/23 11:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	558		49.9	mg/Kg			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 21:01	1
Diesel Range Organics (Over C10-C28)	470		49.9	mg/Kg		01/27/23 08:33	01/27/23 21:01	1
Oil Range Organics (Over C28-C36)	88.0		49.9	mg/Kg		01/27/23 08:33	01/27/23 21:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	01/27/23 08:33	01/27/23 21:01	1
o-Terphenyl	85		70 - 130	01/27/23 08:33	01/27/23 21:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.2		4.98	mg/Kg			01/29/23 17:04	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-SW-14 @ 2.25'

Lab Sample ID: 880-24172-11

Date Collected: 01/26/23 13:25

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 2.25'

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		01/27/23 13:50	01/27/23 14:43	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/27/23 13:50	01/27/23 14:43	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/27/23 13:50	01/27/23 14:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/27/23 13:50	01/27/23 14:43	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/27/23 13:50	01/27/23 14:43	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/27/23 13:50	01/27/23 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/27/23 13:50	01/27/23 14:43	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/27/23 13:50	01/27/23 14:43	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			01/30/23 10:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	163		50.0	mg/Kg			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/27/23 08:33	01/27/23 21:27	1
Diesel Range Organics (Over C10-C28)	163		50.0	mg/Kg		01/27/23 08:33	01/27/23 21:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/27/23 08:33	01/27/23 21:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	01/27/23 08:33	01/27/23 21:27	1
o-Terphenyl	78		70 - 130	01/27/23 08:33	01/27/23 21:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	227		4.96	mg/Kg			01/29/23 17:09	1

Client Sample ID: CS-SW-15 @ 2.25'

Lab Sample ID: 880-24172-12

Date Collected: 01/26/23 13:30

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 2.25'

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		01/27/23 13:50	01/27/23 16:38	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 16:38	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 16:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/27/23 13:50	01/27/23 16:38	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 16:38	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/27/23 13:50	01/27/23 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/27/23 13:50	01/27/23 16:38	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-SW-15 @ 2.25'

Lab Sample ID: 880-24172-12

Date Collected: 01/26/23 13:30

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 2.25'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	127		70 - 130	01/27/23 13:50	01/27/23 16:38	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			01/30/23 10:55	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			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		01/27/23 16:20	01/28/23 00:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/27/23 16:20	01/28/23 00:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/27/23 16:20	01/28/23 00:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130			01/27/23 16:20	01/28/23 00:18	1
o-Terphenyl	72		70 - 130			01/27/23 16:20	01/28/23 00:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.8		5.04	mg/Kg			01/29/23 17:23	1

Client Sample ID: CS-SW-16 @ 6'

Lab Sample ID: 880-24172-13

Date Collected: 01/26/23 11:00

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 6'

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		01/27/23 13:50	01/27/23 16:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 16:59	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 16:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/27/23 13:50	01/27/23 16:59	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 16:59	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/27/23 13:50	01/27/23 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/27/23 13:50	01/27/23 16:59	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/27/23 13:50	01/27/23 16:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/30/23 10:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	619		50.0	mg/Kg			01/30/23 10:03	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-SW-16 @ 6'

Lab Sample ID: 880-24172-13

Date Collected: 01/26/23 11:00

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 6'

Method: 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 *1	50.0	mg/Kg		01/27/23 16:20	01/28/23 00:42	1
Diesel Range Organics (Over C10-C28)	521		50.0	mg/Kg		01/27/23 16:20	01/28/23 00:42	1
Oil Range Organics (Over C28-C36)	97.6		50.0	mg/Kg		01/27/23 16:20	01/28/23 00:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130			01/27/23 16:20	01/28/23 00:42	1
o-Terphenyl	78		70 - 130			01/27/23 16:20	01/28/23 00:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.4		4.97	mg/Kg			01/29/23 17:28	1

Client Sample ID: CS-SW-17 @ 3.75'

Lab Sample ID: 880-24172-14

Date Collected: 01/26/23 11:10

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 3.75'

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		01/27/23 13:50	01/27/23 17:20	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/27/23 13:50	01/27/23 17:20	1
Ethylbenzene	0.00368		0.00201	mg/Kg		01/27/23 13:50	01/27/23 17:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/27/23 13:50	01/27/23 17:20	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/27/23 13:50	01/27/23 17:20	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/27/23 13:50	01/27/23 17:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			01/27/23 13:50	01/27/23 17:20	1
1,4-Difluorobenzene (Surr)	105		70 - 130			01/27/23 13:50	01/27/23 17:20	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			01/30/23 10:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	159		50.0	mg/Kg			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/27/23 16:20	01/28/23 01:06	1
Diesel Range Organics (Over C10-C28)	159		50.0	mg/Kg		01/27/23 16:20	01/28/23 01:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/27/23 16:20	01/28/23 01:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130			01/27/23 16:20	01/28/23 01:06	1
o-Terphenyl	70		70 - 130			01/27/23 16:20	01/28/23 01:06	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-SW-17 @ 3.75'

Lab Sample ID: 880-24172-14

Date Collected: 01/26/23 11:10

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 3.75'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2310		25.2	mg/Kg			01/29/23 17:42	5

Client Sample ID: CS-SW-18 @ 3.75'

Lab Sample ID: 880-24172-15

Date Collected: 01/26/23 11:11

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 3.75'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 17:40	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 17:40	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 17:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/27/23 13:50	01/27/23 17:40	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 17:40	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/27/23 13:50	01/27/23 17:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			01/27/23 13:50	01/27/23 17:40	1
1,4-Difluorobenzene (Surr)	102		70 - 130			01/27/23 13:50	01/27/23 17:40	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			01/30/23 10:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	132		49.9	mg/Kg			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		01/27/23 16:20	01/28/23 01:32	1
Diesel Range Organics (Over C10-C28)	132		49.9	mg/Kg		01/27/23 16:20	01/28/23 01:32	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/27/23 16:20	01/28/23 01:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130			01/27/23 16:20	01/28/23 01:32	1
o-Terphenyl	59	S1-	70 - 130			01/27/23 16:20	01/28/23 01:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2460		25.0	mg/Kg			01/29/23 17:47	5

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-SW-19 @ 3.75'

Lab Sample ID: 880-24172-16

Date Collected: 01/26/23 11:20

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 3.75'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 18:01	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 18:01	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 18:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/27/23 13:50	01/27/23 18:01	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 18:01	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/27/23 13:50	01/27/23 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/27/23 13:50	01/27/23 18:01	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/27/23 13:50	01/27/23 18:01	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			01/30/23 10:55	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			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		01/27/23 16:20	01/28/23 01:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/27/23 16:20	01/28/23 01:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/27/23 16:20	01/28/23 01:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	01/27/23 16:20	01/28/23 01:58	1
o-Terphenyl	72		70 - 130	01/27/23 16:20	01/28/23 01:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	668		4.98	mg/Kg			01/29/23 17:52	1

Client Sample ID: CS-SW-20 @ 3.75'

Lab Sample ID: 880-24172-17

Date Collected: 01/26/23 11:25

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 3.75'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 18:22	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 18:22	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 18:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/27/23 13:50	01/27/23 18:22	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/27/23 13:50	01/27/23 18:22	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/27/23 13:50	01/27/23 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/27/23 13:50	01/27/23 18:22	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-SW-20 @ 3.75'

Lab Sample ID: 880-24172-17

Date Collected: 01/26/23 11:25

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 3.75'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	112		70 - 130	01/27/23 13:50	01/27/23 18:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/30/23 10:55	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			01/30/23 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		01/27/23 16:20	01/28/23 02:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/27/23 16:20	01/28/23 02:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/27/23 16:20	01/28/23 02:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130			01/27/23 16:20	01/28/23 02:23	1
o-Terphenyl	76		70 - 130			01/27/23 16:20	01/28/23 02:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	605		4.97	mg/Kg			01/29/23 17:57	1

Client Sample ID: CS-SW-21 @ 3.75'

Lab Sample ID: 880-24172-18

Date Collected: 01/26/23 11:30

Matrix: Solid

Date Received: 01/27/23 08:00

Sample Depth: 3.75'

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		01/27/23 13:50	01/27/23 18:43	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/27/23 13:50	01/27/23 18:43	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/27/23 13:50	01/27/23 18:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/27/23 13:50	01/27/23 18:43	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/27/23 13:50	01/27/23 18:43	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/27/23 13:50	01/27/23 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/27/23 13:50	01/27/23 18:43	1
1,4-Difluorobenzene (Surr)	115		70 - 130	01/27/23 13:50	01/27/23 18:43	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			01/30/23 10:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	156		49.9	mg/Kg			01/30/23 10:03	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-SW-21 @ 3.75'
Date Collected: 01/26/23 11:30
Date Received: 01/27/23 08:00
Sample Depth: 3.75'

Lab Sample ID: 880-24172-18
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 *1	49.9	mg/Kg		01/27/23 16:20	01/28/23 02:49	1	
Diesel Range Organics (Over C10-C28)	156		49.9	mg/Kg		01/27/23 16:20	01/28/23 02:49	1	
OII Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/27/23 16:20	01/28/23 02:49	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	84		70 - 130			01/27/23 16:20	01/28/23 02:49	1	
o-Terphenyl	80		70 - 130			01/27/23 16:20	01/28/23 02:49	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	2250		25.1	mg/Kg			01/30/23 14:43	5	

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-24147-A-11-F MS	Matrix Spike	105	101
880-24147-A-11-G MSD	Matrix Spike Duplicate	106	104
880-24147-A-21-A MS	Matrix Spike	94	98
880-24147-A-21-B MSD	Matrix Spike Duplicate	92	108
880-24172-1	CS-16 @ 4.5'	78	101
880-24172-2	CS-17 @ 4.5'	87	101
880-24172-3	CS-18 @ 4.5'	82	100
880-24172-4	CS-19 @ 4.5'	82	103
880-24172-5	CS-20 @ 7.5'	338 S1+	104
880-24172-6	CS-21 @ 7.5'	268 S1+	103
880-24172-7	CS-22 @ 7.5'	89	111
880-24172-8	CS-23 @ 7.5'	89	110
880-24172-9	CS-24 @ 7.5'	87	109
880-24172-10	CS-SW-13 @ 2.25'	83	113
880-24172-11	CS-SW-14 @ 2.25'	102	112
880-24172-12	CS-SW-15 @ 2.25'	117	127
880-24172-13	CS-SW-16 @ 6'	106	103
880-24172-14	CS-SW-17 @ 3.75'	112	105
880-24172-15	CS-SW-18 @ 3.75'	89	102
880-24172-16	CS-SW-19 @ 3.75'	109	111
880-24172-17	CS-SW-20 @ 3.75'	99	112
880-24172-18	CS-SW-21 @ 3.75'	107	115
880-24178-A-51-D MS	Matrix Spike	109	107
880-24178-A-51-E MSD	Matrix Spike Duplicate	109	105
LCS 880-44827/1-A	Lab Control Sample	87	104
LCS 880-44882/1-A	Lab Control Sample	99	104
LCS 880-44925/1-A	Lab Control Sample	101	103
LCSD 880-44827/2-A	Lab Control Sample Dup	89	107
LCSD 880-44882/2-A	Lab Control Sample Dup	99	96
LCSD 880-44925/2-A	Lab Control Sample Dup	93	109
MB 880-44827/5-A	Method Blank	80	92
MB 880-44882/5-A	Method Blank	74	95
MB 880-44925/5-A	Method Blank	71	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)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-24147-A-21-H MS	Matrix Spike	77	69 S1-
880-24147-A-21-I MSD	Matrix Spike Duplicate	78	69 S1-
880-24172-1	CS-16 @ 4.5'	69 S1-	63 S1-
880-24172-1 MS	CS-16 @ 4.5'	75	64 S1-
880-24172-1 MSD	CS-16 @ 4.5'	79	68 S1-
880-24172-2	CS-17 @ 4.5'	78	75

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Surrogate Summary

Client: TRC Solutions, Inc.

Job ID: 880-24172-1

Project/Site: Azores Federal Com 004H

SDG: Jal, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-24172-3	CS-18 @ 4.5'	70	69 S1-
880-24172-4	CS-19 @ 4.5'	79	78
880-24172-5	CS-20 @ 7.5'	95	85
880-24172-6	CS-21 @ 7.5'	89	78
880-24172-7	CS-22 @ 7.5'	80	79
880-24172-8	CS-23 @ 7.5'	92	93
880-24172-9	CS-24 @ 7.5'	87	84
880-24172-10	CS-SW-13 @ 2.25'	88	85
880-24172-11	CS-SW-14 @ 2.25'	84	78
880-24172-12	CS-SW-15 @ 2.25'	78	72
880-24172-13	CS-SW-16 @ 6'	81	78
880-24172-14	CS-SW-17 @ 3.75'	74	70
880-24172-15	CS-SW-18 @ 3.75'	63 S1-	59 S1-
880-24172-16	CS-SW-19 @ 3.75'	75	72
880-24172-17	CS-SW-20 @ 3.75'	80	76
880-24172-18	CS-SW-21 @ 3.75'	84	80
LCS 880-44884/2-A	Lab Control Sample	91	92
LCS 880-44944/2-A	Lab Control Sample	92	94
LCSD 880-44884/3-A	Lab Control Sample Dup	84	85
LCSD 880-44944/3-A	Lab Control Sample Dup	87	89
MB 880-44884/1-A	Method Blank	123	121
MB 880-44944/1-A	Method Blank	116	117

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-44827/5-A

Matrix: Solid

Analysis Batch: 44880

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44827

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/26/23 13:50	01/27/23 11:14	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/26/23 13:50	01/27/23 11:14	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/26/23 13:50	01/27/23 11:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/26/23 13:50	01/27/23 11:14	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/26/23 13:50	01/27/23 11:14	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/26/23 13:50	01/27/23 11:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	01/26/23 13:50	01/27/23 11:14	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/26/23 13:50	01/27/23 11:14	1

Lab Sample ID: LCS 880-44827/1-A

Matrix: Solid

Analysis Batch: 44880

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08575		mg/Kg		86	70 - 130
Toluene	0.100	0.07565		mg/Kg		76	70 - 130
Ethylbenzene	0.100	0.07051		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	0.200	0.1404		mg/Kg		70	70 - 130
o-Xylene	0.100	0.07177		mg/Kg		72	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-44827/2-A

Matrix: Solid

Analysis Batch: 44880

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44827

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09970		mg/Kg		100	70 - 130	15	35
Toluene	0.100	0.08778		mg/Kg		88	70 - 130	15	35
Ethylbenzene	0.100	0.07863		mg/Kg		79	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1579		mg/Kg		79	70 - 130	12	35
o-Xylene	0.100	0.08014		mg/Kg		80	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-24147-A-21-A MS

Matrix: Solid

Analysis Batch: 44880

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 44827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08601		mg/Kg		86	70 - 130
Toluene	<0.00201	U	0.100	0.07807		mg/Kg		77	70 - 130

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

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

Lab Sample ID: 880-24147-A-21-A MS

Matrix: Solid

Analysis Batch: 44880

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 44827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U F1	0.100	0.07259		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1473		mg/Kg		73	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.07609		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-24147-A-21-B MSD

Matrix: Solid

Analysis Batch: 44880

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 44827

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.07701		mg/Kg		77	70 - 130	11	35
Toluene	<0.00201	U	0.0996	0.07009		mg/Kg		70	70 - 130	11	35
Ethylbenzene	<0.00201	U F1	0.0996	0.06604	F1	mg/Kg		66	70 - 130	9	35
m-Xylene & p-Xylene	<0.00402	U F1	0.199	0.1308	F1	mg/Kg		66	70 - 130	12	35
o-Xylene	<0.00201	U F1	0.0996	0.06821	F1	mg/Kg		68	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-44882/5-A

Matrix: Solid

Analysis Batch: 44881

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44882

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 11:14	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 11:14	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 11:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/27/23 08:29	01/27/23 11:14	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/27/23 08:29	01/27/23 11:14	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/27/23 08:29	01/27/23 11:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	01/27/23 08:29	01/27/23 11:14	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/27/23 08:29	01/27/23 11:14	1

Lab Sample ID: LCS 880-44882/1-A

Matrix: Solid

Analysis Batch: 44881

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44882

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1143		mg/Kg		114	70 - 130
Toluene	0.100	0.1050		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1030		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2153		mg/Kg		108	70 - 130

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

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

Lab Sample ID: LCS 880-44882/1-A

Matrix: Solid

Analysis Batch: 44881

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44882

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1065		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-44882/2-A

Matrix: Solid

Analysis Batch: 44881

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44882

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1020		mg/Kg		102	70 - 130	11	35
Toluene	0.100	0.09531		mg/Kg		95	70 - 130	10	35
Ethylbenzene	0.100	0.09443		mg/Kg		94	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1954		mg/Kg		98	70 - 130	10	35
o-Xylene	0.100	0.09699		mg/Kg		97	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-24147-A-11-F MS

Matrix: Solid

Analysis Batch: 44881

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 44882

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.0990	0.09814		mg/Kg		99	70 - 130
Toluene	<0.00202	U	0.0990	0.09551		mg/Kg		96	70 - 130
Ethylbenzene	<0.00202	U	0.0990	0.09698		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.198	0.2045		mg/Kg		103	70 - 130
o-Xylene	<0.00202	U	0.0990	0.1008		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-24147-A-11-G MSD

Matrix: Solid

Analysis Batch: 44881

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 44882

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.101	0.08269		mg/Kg		82	70 - 130	17	35
Toluene	<0.00202	U	0.101	0.07977		mg/Kg		79	70 - 130	18	35
Ethylbenzene	<0.00202	U	0.101	0.08327		mg/Kg		83	70 - 130	15	35
m-Xylene & p-Xylene	<0.00403	U	0.201	0.1751		mg/Kg		87	70 - 130	16	35
o-Xylene	<0.00202	U	0.101	0.08619		mg/Kg		86	70 - 130	16	35

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

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

Lab Sample ID: 880-24147-A-11-G MSD

Matrix: Solid

Analysis Batch: 44881

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 44882

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-44925/5-A

Matrix: Solid

Analysis Batch: 44988

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44925

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/27/23 12:27	01/30/23 12:53	1	
Toluene	<0.00200	U	0.00200	mg/Kg		01/27/23 12:27	01/30/23 12:53	1	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/27/23 12:27	01/30/23 12:53	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/27/23 12:27	01/30/23 12:53	1	
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/27/23 12:27	01/30/23 12:53	1	
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/27/23 12:27	01/30/23 12:53	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	71		70 - 130	01/27/23 12:27	01/30/23 12:53	1			
1,4-Difluorobenzene (Surr)	94		70 - 130	01/27/23 12:27	01/30/23 12:53	1			

Lab Sample ID: LCS 880-44925/1-A

Matrix: Solid

Analysis Batch: 44988

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44925

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.08717		mg/Kg		87	70 - 130		
Toluene	0.100	0.08268		mg/Kg		83	70 - 130		
Ethylbenzene	0.100	0.08368		mg/Kg		84	70 - 130		
m-Xylene & p-Xylene	0.200	0.1754		mg/Kg		88	70 - 130		
o-Xylene	0.100	0.08769		mg/Kg		88	70 - 130		

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

Lab Sample ID: LCSD 880-44925/2-A

Matrix: Solid

Analysis Batch: 44988

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44925

	Spike	LCSD	LCSD					%Rec	RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.05057	*- *1	mg/Kg		51	70 - 130	53	35	
Toluene	0.100	0.04357	*- *1	mg/Kg		44	70 - 130	62	35	
Ethylbenzene	0.100	0.04001	*- *1	mg/Kg		40	70 - 130	71	35	
m-Xylene & p-Xylene	0.200	0.08355	*- *1	mg/Kg		42	70 - 130	71	35	
o-Xylene	0.100	0.04282	*- *1	mg/Kg		43	70 - 130	69	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

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

Lab Sample ID: LCSD 880-44925/2-A

Matrix: Solid

Analysis Batch: 44988

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44925

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

Lab Sample ID: 880-24178-A-51-D MS

Matrix: Solid

Analysis Batch: 44988

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 44925

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U *- *1	0.0996	0.09929		mg/Kg		100	70 - 130	
Toluene	<0.00200	U *- *1	0.0996	0.08904		mg/Kg		89	70 - 130	
Ethylbenzene	<0.00200	U *- *1	0.0996	0.09013		mg/Kg		90	70 - 130	
m-Xylene & p-Xylene	<0.00401	U *- *1	0.199	0.1845		mg/Kg		93	70 - 130	
o-Xylene	<0.00200	U *- *1	0.0996	0.09241		mg/Kg		93	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-24178-A-51-E MSD

Matrix: Solid

Analysis Batch: 44988

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 44925

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U *- *1	0.0996	0.08957		mg/Kg		90	70 - 130	10	35	
Toluene	<0.00200	U *- *1	0.0996	0.07713		mg/Kg		77	70 - 130	14	35	
Ethylbenzene	<0.00200	U *- *1	0.0996	0.07463		mg/Kg		75	70 - 130	19	35	
m-Xylene & p-Xylene	<0.00401	U *- *1	0.199	0.1515		mg/Kg		76	70 - 130	20	35	
o-Xylene	<0.00200	U *- *1	0.0996	0.07724		mg/Kg		78	70 - 130	18	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

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

Lab Sample ID: MB 880-44884/1-A

Matrix: Solid

Analysis Batch: 44886

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44884

	MB	MB								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 09:50	1		
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 09:50	1		
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/27/23 08:33	01/27/23 09:50	1		

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
1-Chlorooctane	123		70 - 130	01/27/23 08:33	01/27/23 09:50	1				
o-Terphenyl	121		70 - 130	01/27/23 08:33	01/27/23 09:50	1				

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

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

Lab Sample ID: LCS 880-44884/2-A

Matrix: Solid

Analysis Batch: 44886

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44884

Analyte			Spike	LCS	LCS				%Rec		
			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			999	777.5		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)			999	931.1		mg/Kg		93	70 - 130		
		LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	92		70 - 130								

Lab Sample ID: LCSD 880-44884/3-A

Matrix: Solid

Analysis Batch: 44886

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44884

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			999	710.6		mg/Kg		71	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			999	850.6		mg/Kg		85	70 - 130	9	20
							</				

Lab Sample ID: 880-24147-A-21-H MS

Matrix: Solid

Analysis Batch: 44886

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 44884

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	878.4		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1046		mg/Kg		103	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	77		70 - 130								
o-Terphenyl	69	S1-	70 - 130								

Lab Sample ID: 880-24147-A-21-I MSD

Matrix: Solid

Analysis Batch: 44886

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 44884

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	860.9		mg/Kg		82	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1035		mg/Kg		102	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	78		70 - 130								

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

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

Lab Sample ID: 880-24147-A-21-I MSD

Matrix: Solid

Analysis Batch: 44886

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 44884

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	69	S1-	70 - 130

Lab Sample ID: MB 880-44944/1-A

Matrix: Solid

Analysis Batch: 44886

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44944

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/27/23 16:20	01/27/23 22:09	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/27/23 16:20	01/27/23 22:09	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/27/23 16:20	01/27/23 22:09	1	
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil	Fac
1-Chlorooctane	116		70 - 130			01/27/23 16:20	01/27/23 22:09	1	
<i>o</i> -Terphenyl	117		70 - 130			01/27/23 16:20	01/27/23 22:09	1	

Lab Sample ID: LCS 880-44944/2-A

Matrix: Solid

Analysis Batch: 44886

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44944

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10		999	940.9		mg/Kg		94	70 - 130	
Diesel Range Organics (Over C10-C28)		999	929.8		mg/Kg		93	70 - 130	
	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	92		70 - 130						
<i>o</i> -Terphenyl	94		70 - 130						

Lab Sample ID: LCSD 880-44944/3-A

Matrix: Solid

Analysis Batch: 44886

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44944

		Spike	LCSD	LCSD				%Rec		RPD	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10		999	747.1	*1	mg/Kg		75	70 - 130	23	20	
Diesel Range Organics (Over C10-C28)		999	864.6		mg/Kg		87	70 - 130	7	20	
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
<i>o</i> -Terphenyl	89		70 - 130								

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

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

Lab Sample ID: 880-24172-1 MS

Matrix: Solid

Analysis Batch: 44886

Client Sample ID: CS-16 @ 4.5'

Prep Type: Total/NA

Prep Batch: 44944

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 *1	1000	856.2		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1020		mg/Kg		99	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	75		70 - 130						
o-Terphenyl	64	S1-	70 - 130						

Lab Sample ID: 880-24172-1 MSD

Matrix: Solid

Analysis Batch: 44886

Client Sample ID: CS-16 @ 4.5'

Prep Type: Total/NA

Prep Batch: 44944

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 *1	998	909.1		mg/Kg		91	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1073		mg/Kg		105	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	68	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-44948/1-A

Matrix: Solid

Analysis Batch: 44963

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			01/29/23 15:47	1

Lab Sample ID: LCS 880-44948/2-A

Matrix: Solid

Analysis Batch: 44963

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.1		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-44948/3-A

Matrix: Solid

Analysis Batch: 44963

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	256.1		mg/Kg		102	90 - 110	2	20

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-24172-1 MS

Matrix: Solid

Analysis Batch: 44963

Client Sample ID: CS-16 @ 4.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	21.1		251	292.5		mg/Kg		108	90 - 110		

Lab Sample ID: 880-24172-1 MSD

Matrix: Solid

Analysis Batch: 44963

Client Sample ID: CS-16 @ 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	21.1		251	286.7		mg/Kg		106	90 - 110	2	20

Lab Sample ID: 880-24172-11 MS

Matrix: Solid

Analysis Batch: 44963

Client Sample ID: CS-SW-14 @ 2.25'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	227		248	488.7		mg/Kg		105	90 - 110		

Lab Sample ID: 880-24172-11 MSD

Matrix: Solid

Analysis Batch: 44963

Client Sample ID: CS-SW-14 @ 2.25'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	227		248	479.2		mg/Kg		102	90 - 110	2	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

GC VOA

Prep Batch: 44827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-11	CS-SW-14 @ 2.25'	Total/NA	Solid	5035	
880-24172-12	CS-SW-15 @ 2.25'	Total/NA	Solid	5035	
880-24172-13	CS-SW-16 @ 6'	Total/NA	Solid	5035	
880-24172-14	CS-SW-17 @ 3.75'	Total/NA	Solid	5035	
880-24172-15	CS-SW-18 @ 3.75'	Total/NA	Solid	5035	
880-24172-16	CS-SW-19 @ 3.75'	Total/NA	Solid	5035	
880-24172-17	CS-SW-20 @ 3.75'	Total/NA	Solid	5035	
880-24172-18	CS-SW-21 @ 3.75'	Total/NA	Solid	5035	
MB 880-44827/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-44827/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-44827/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24147-A-21-A MS	Matrix Spike	Total/NA	Solid	5035	
880-24147-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 44880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-11	CS-SW-14 @ 2.25'	Total/NA	Solid	8021B	44827
880-24172-12	CS-SW-15 @ 2.25'	Total/NA	Solid	8021B	44827
880-24172-13	CS-SW-16 @ 6'	Total/NA	Solid	8021B	44827
880-24172-14	CS-SW-17 @ 3.75'	Total/NA	Solid	8021B	44827
880-24172-15	CS-SW-18 @ 3.75'	Total/NA	Solid	8021B	44827
880-24172-16	CS-SW-19 @ 3.75'	Total/NA	Solid	8021B	44827
880-24172-17	CS-SW-20 @ 3.75'	Total/NA	Solid	8021B	44827
880-24172-18	CS-SW-21 @ 3.75'	Total/NA	Solid	8021B	44827
MB 880-44827/5-A	Method Blank	Total/NA	Solid	8021B	44827
LCS 880-44827/1-A	Lab Control Sample	Total/NA	Solid	8021B	44827
LCSD 880-44827/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	44827
880-24147-A-21-A MS	Matrix Spike	Total/NA	Solid	8021B	44827
880-24147-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	44827

Analysis Batch: 44881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-1	CS-16 @ 4.5'	Total/NA	Solid	8021B	44882
880-24172-2	CS-17 @ 4.5'	Total/NA	Solid	8021B	44882
880-24172-3	CS-18 @ 4.5'	Total/NA	Solid	8021B	44882
880-24172-4	CS-19 @ 4.5'	Total/NA	Solid	8021B	44882
880-24172-5	CS-20 @ 7.5'	Total/NA	Solid	8021B	44882
880-24172-6	CS-21 @ 7.5'	Total/NA	Solid	8021B	44882
880-24172-7	CS-22 @ 7.5'	Total/NA	Solid	8021B	44882
880-24172-8	CS-23 @ 7.5'	Total/NA	Solid	8021B	44882
880-24172-9	CS-24 @ 7.5'	Total/NA	Solid	8021B	44882
880-24172-10	CS-SW-13 @ 2.25'	Total/NA	Solid	8021B	44882
MB 880-44882/5-A	Method Blank	Total/NA	Solid	8021B	44882
LCS 880-44882/1-A	Lab Control Sample	Total/NA	Solid	8021B	44882
LCSD 880-44882/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	44882
880-24147-A-11-F MS	Matrix Spike	Total/NA	Solid	8021B	44882
880-24147-A-11-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	44882

Prep Batch: 44882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-1	CS-16 @ 4.5'	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

GC VOA (Continued)

Prep Batch: 44882 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-2	CS-17 @ 4.5'	Total/NA	Solid	5035	
880-24172-3	CS-18 @ 4.5'	Total/NA	Solid	5035	
880-24172-4	CS-19 @ 4.5'	Total/NA	Solid	5035	
880-24172-5	CS-20 @ 7.5'	Total/NA	Solid	5035	
880-24172-6	CS-21 @ 7.5'	Total/NA	Solid	5035	
880-24172-7	CS-22 @ 7.5'	Total/NA	Solid	5035	
880-24172-8	CS-23 @ 7.5'	Total/NA	Solid	5035	
880-24172-9	CS-24 @ 7.5'	Total/NA	Solid	5035	
880-24172-10	CS-SW-13 @ 2.25'	Total/NA	Solid	5035	
MB 880-44882/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-44882/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-44882/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24147-A-11-F MS	Matrix Spike	Total/NA	Solid	5035	
880-24147-A-11-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 44925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-5	CS-20 @ 7.5'	Total/NA	Solid	5035	
MB 880-44925/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-44925/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-44925/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24178-A-51-D MS	Matrix Spike	Total/NA	Solid	5035	
880-24178-A-51-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 44988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-5	CS-20 @ 7.5'	Total/NA	Solid	8021B	44925
MB 880-44925/5-A	Method Blank	Total/NA	Solid	8021B	44925
LCS 880-44925/1-A	Lab Control Sample	Total/NA	Solid	8021B	44925
LCSD 880-44925/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	44925
880-24178-A-51-D MS	Matrix Spike	Total/NA	Solid	8021B	44925
880-24178-A-51-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	44925

Analysis Batch: 45037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-1	CS-16 @ 4.5'	Total/NA	Solid	Total BTEX	
880-24172-2	CS-17 @ 4.5'	Total/NA	Solid	Total BTEX	
880-24172-3	CS-18 @ 4.5'	Total/NA	Solid	Total BTEX	
880-24172-4	CS-19 @ 4.5'	Total/NA	Solid	Total BTEX	
880-24172-5	CS-20 @ 7.5'	Total/NA	Solid	Total BTEX	
880-24172-6	CS-21 @ 7.5'	Total/NA	Solid	Total BTEX	
880-24172-7	CS-22 @ 7.5'	Total/NA	Solid	Total BTEX	
880-24172-8	CS-23 @ 7.5'	Total/NA	Solid	Total BTEX	
880-24172-9	CS-24 @ 7.5'	Total/NA	Solid	Total BTEX	
880-24172-10	CS-SW-13 @ 2.25'	Total/NA	Solid	Total BTEX	
880-24172-11	CS-SW-14 @ 2.25'	Total/NA	Solid	Total BTEX	
880-24172-12	CS-SW-15 @ 2.25'	Total/NA	Solid	Total BTEX	
880-24172-13	CS-SW-16 @ 6'	Total/NA	Solid	Total BTEX	
880-24172-14	CS-SW-17 @ 3.75'	Total/NA	Solid	Total BTEX	
880-24172-15	CS-SW-18 @ 3.75'	Total/NA	Solid	Total BTEX	
880-24172-16	CS-SW-19 @ 3.75'	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

GC VOA (Continued)

Analysis Batch: 45037 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-17	CS-SW-20 @ 3.75'	Total/NA	Solid	Total BTEX	
880-24172-18	CS-SW-21 @ 3.75'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 44884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-2	CS-17 @ 4.5'	Total/NA	Solid	8015NM Prep	
880-24172-3	CS-18 @ 4.5'	Total/NA	Solid	8015NM Prep	
880-24172-4	CS-19 @ 4.5'	Total/NA	Solid	8015NM Prep	
880-24172-5	CS-20 @ 7.5'	Total/NA	Solid	8015NM Prep	
880-24172-6	CS-21 @ 7.5'	Total/NA	Solid	8015NM Prep	
880-24172-7	CS-22 @ 7.5'	Total/NA	Solid	8015NM Prep	
880-24172-8	CS-23 @ 7.5'	Total/NA	Solid	8015NM Prep	
880-24172-9	CS-24 @ 7.5'	Total/NA	Solid	8015NM Prep	
880-24172-10	CS-SW-13 @ 2.25'	Total/NA	Solid	8015NM Prep	
880-24172-11	CS-SW-14 @ 2.25'	Total/NA	Solid	8015NM Prep	
MB 880-44884/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-44884/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-44884/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24147-A-21-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-24147-A-21-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 44886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-1	CS-16 @ 4.5'	Total/NA	Solid	8015B NM	44944
880-24172-2	CS-17 @ 4.5'	Total/NA	Solid	8015B NM	44884
880-24172-3	CS-18 @ 4.5'	Total/NA	Solid	8015B NM	44884
880-24172-4	CS-19 @ 4.5'	Total/NA	Solid	8015B NM	44884
880-24172-5	CS-20 @ 7.5'	Total/NA	Solid	8015B NM	44884
880-24172-6	CS-21 @ 7.5'	Total/NA	Solid	8015B NM	44884
880-24172-7	CS-22 @ 7.5'	Total/NA	Solid	8015B NM	44884
880-24172-8	CS-23 @ 7.5'	Total/NA	Solid	8015B NM	44884
880-24172-9	CS-24 @ 7.5'	Total/NA	Solid	8015B NM	44884
880-24172-10	CS-SW-13 @ 2.25'	Total/NA	Solid	8015B NM	44884
880-24172-11	CS-SW-14 @ 2.25'	Total/NA	Solid	8015B NM	44884
880-24172-12	CS-SW-15 @ 2.25'	Total/NA	Solid	8015B NM	44944
880-24172-13	CS-SW-16 @ 6'	Total/NA	Solid	8015B NM	44944
880-24172-14	CS-SW-17 @ 3.75'	Total/NA	Solid	8015B NM	44944
880-24172-15	CS-SW-18 @ 3.75'	Total/NA	Solid	8015B NM	44944
880-24172-16	CS-SW-19 @ 3.75'	Total/NA	Solid	8015B NM	44944
880-24172-17	CS-SW-20 @ 3.75'	Total/NA	Solid	8015B NM	44944
880-24172-18	CS-SW-21 @ 3.75'	Total/NA	Solid	8015B NM	44944
MB 880-44884/1-A	Method Blank	Total/NA	Solid	8015B NM	44884
MB 880-44944/1-A	Method Blank	Total/NA	Solid	8015B NM	44944
LCS 880-44884/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	44884
LCS 880-44944/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	44944
LCSD 880-44884/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	44884
LCSD 880-44944/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	44944
880-24147-A-21-H MS	Matrix Spike	Total/NA	Solid	8015B NM	44884
880-24147-A-21-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	44884

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

GC Semi VOA (Continued)

Analysis Batch: 44886 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-1 MS	CS-16 @ 4.5'	Total/NA	Solid	8015B NM	44944
880-24172-1 MSD	CS-16 @ 4.5'	Total/NA	Solid	8015B NM	44944

Prep Batch: 44944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-1	CS-16 @ 4.5'	Total/NA	Solid	8015NM Prep	
880-24172-12	CS-SW-15 @ 2.25'	Total/NA	Solid	8015NM Prep	
880-24172-13	CS-SW-16 @ 6'	Total/NA	Solid	8015NM Prep	
880-24172-14	CS-SW-17 @ 3.75'	Total/NA	Solid	8015NM Prep	
880-24172-15	CS-SW-18 @ 3.75'	Total/NA	Solid	8015NM Prep	
880-24172-16	CS-SW-19 @ 3.75'	Total/NA	Solid	8015NM Prep	
880-24172-17	CS-SW-20 @ 3.75'	Total/NA	Solid	8015NM Prep	
880-24172-18	CS-SW-21 @ 3.75'	Total/NA	Solid	8015NM Prep	
MB 880-44944/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-44944/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-44944/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24172-1 MS	CS-16 @ 4.5'	Total/NA	Solid	8015NM Prep	
880-24172-1 MSD	CS-16 @ 4.5'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 45002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-1	CS-16 @ 4.5'	Total/NA	Solid	8015 NM	
880-24172-2	CS-17 @ 4.5'	Total/NA	Solid	8015 NM	
880-24172-3	CS-18 @ 4.5'	Total/NA	Solid	8015 NM	
880-24172-4	CS-19 @ 4.5'	Total/NA	Solid	8015 NM	
880-24172-5	CS-20 @ 7.5'	Total/NA	Solid	8015 NM	
880-24172-6	CS-21 @ 7.5'	Total/NA	Solid	8015 NM	
880-24172-7	CS-22 @ 7.5'	Total/NA	Solid	8015 NM	
880-24172-8	CS-23 @ 7.5'	Total/NA	Solid	8015 NM	
880-24172-9	CS-24 @ 7.5'	Total/NA	Solid	8015 NM	
880-24172-10	CS-SW-13 @ 2.25'	Total/NA	Solid	8015 NM	
880-24172-11	CS-SW-14 @ 2.25'	Total/NA	Solid	8015 NM	
880-24172-12	CS-SW-15 @ 2.25'	Total/NA	Solid	8015 NM	
880-24172-13	CS-SW-16 @ 6'	Total/NA	Solid	8015 NM	
880-24172-14	CS-SW-17 @ 3.75'	Total/NA	Solid	8015 NM	
880-24172-15	CS-SW-18 @ 3.75'	Total/NA	Solid	8015 NM	
880-24172-16	CS-SW-19 @ 3.75'	Total/NA	Solid	8015 NM	
880-24172-17	CS-SW-20 @ 3.75'	Total/NA	Solid	8015 NM	
880-24172-18	CS-SW-21 @ 3.75'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 44948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-1	CS-16 @ 4.5'	Soluble	Solid	DI Leach	
880-24172-2	CS-17 @ 4.5'	Soluble	Solid	DI Leach	
880-24172-3	CS-18 @ 4.5'	Soluble	Solid	DI Leach	
880-24172-4	CS-19 @ 4.5'	Soluble	Solid	DI Leach	
880-24172-5	CS-20 @ 7.5'	Soluble	Solid	DI Leach	
880-24172-6	CS-21 @ 7.5'	Soluble	Solid	DI Leach	
880-24172-7	CS-22 @ 7.5'	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

HPLC/IC (Continued)

Leach Batch: 44948 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-8	CS-23 @ 7.5'	Soluble	Solid	DI Leach	
880-24172-9	CS-24 @ 7.5'	Soluble	Solid	DI Leach	
880-24172-10	CS-SW-13 @ 2.25'	Soluble	Solid	DI Leach	
880-24172-11	CS-SW-14 @ 2.25'	Soluble	Solid	DI Leach	
880-24172-12	CS-SW-15 @ 2.25'	Soluble	Solid	DI Leach	
880-24172-13	CS-SW-16 @ 6'	Soluble	Solid	DI Leach	
880-24172-14	CS-SW-17 @ 3.75'	Soluble	Solid	DI Leach	
880-24172-15	CS-SW-18 @ 3.75'	Soluble	Solid	DI Leach	
880-24172-16	CS-SW-19 @ 3.75'	Soluble	Solid	DI Leach	
880-24172-17	CS-SW-20 @ 3.75'	Soluble	Solid	DI Leach	
880-24172-18	CS-SW-21 @ 3.75'	Soluble	Solid	DI Leach	
MB 880-44948/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44948/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-44948/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24172-1 MS	CS-16 @ 4.5'	Soluble	Solid	DI Leach	
880-24172-1 MSD	CS-16 @ 4.5'	Soluble	Solid	DI Leach	
880-24172-11 MS	CS-SW-14 @ 2.25'	Soluble	Solid	DI Leach	
880-24172-11 MSD	CS-SW-14 @ 2.25'	Soluble	Solid	DI Leach	

Analysis Batch: 44963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24172-1	CS-16 @ 4.5'	Soluble	Solid	300.0	44948
880-24172-2	CS-17 @ 4.5'	Soluble	Solid	300.0	44948
880-24172-3	CS-18 @ 4.5'	Soluble	Solid	300.0	44948
880-24172-4	CS-19 @ 4.5'	Soluble	Solid	300.0	44948
880-24172-5	CS-20 @ 7.5'	Soluble	Solid	300.0	44948
880-24172-6	CS-21 @ 7.5'	Soluble	Solid	300.0	44948
880-24172-7	CS-22 @ 7.5'	Soluble	Solid	300.0	44948
880-24172-8	CS-23 @ 7.5'	Soluble	Solid	300.0	44948
880-24172-9	CS-24 @ 7.5'	Soluble	Solid	300.0	44948
880-24172-10	CS-SW-13 @ 2.25'	Soluble	Solid	300.0	44948
880-24172-11	CS-SW-14 @ 2.25'	Soluble	Solid	300.0	44948
880-24172-12	CS-SW-15 @ 2.25'	Soluble	Solid	300.0	44948
880-24172-13	CS-SW-16 @ 6'	Soluble	Solid	300.0	44948
880-24172-14	CS-SW-17 @ 3.75'	Soluble	Solid	300.0	44948
880-24172-15	CS-SW-18 @ 3.75'	Soluble	Solid	300.0	44948
880-24172-16	CS-SW-19 @ 3.75'	Soluble	Solid	300.0	44948
880-24172-17	CS-SW-20 @ 3.75'	Soluble	Solid	300.0	44948
880-24172-18	CS-SW-21 @ 3.75'	Soluble	Solid	300.0	44948
MB 880-44948/1-A	Method Blank	Soluble	Solid	300.0	44948
LCS 880-44948/2-A	Lab Control Sample	Soluble	Solid	300.0	44948
LCSD 880-44948/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	44948
880-24172-1 MS	CS-16 @ 4.5'	Soluble	Solid	300.0	44948
880-24172-1 MSD	CS-16 @ 4.5'	Soluble	Solid	300.0	44948
880-24172-11 MS	CS-SW-14 @ 2.25'	Soluble	Solid	300.0	44948
880-24172-11 MSD	CS-SW-14 @ 2.25'	Soluble	Solid	300.0	44948

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-16 @ 4.5'

Lab Sample ID: 880-24172-1

Date Collected: 01/26/23 13:00

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	44882	01/27/23 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44881	01/27/23 16:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 11:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	44944	01/27/23 16:20	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/27/23 23:13	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		1			44963	01/29/23 16:01	CH	EET MID

Client Sample ID: CS-17 @ 4.5'

Lab Sample ID: 880-24172-2

Date Collected: 01/26/23 13:05

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	44882	01/27/23 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44881	01/27/23 16:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 11:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44884	01/27/23 08:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/27/23 17:55	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		1			44963	01/29/23 16:16	CH	EET MID

Client Sample ID: CS-18 @ 4.5'

Lab Sample ID: 880-24172-3

Date Collected: 01/26/23 13:10

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	44882	01/27/23 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44881	01/27/23 17:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 11:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44884	01/27/23 08:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/27/23 18:16	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		1			44963	01/29/23 16:21	CH	EET MID

Client Sample ID: CS-19 @ 4.5'

Lab Sample ID: 880-24172-4

Date Collected: 01/26/23 13:15

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	44882	01/27/23 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44881	01/27/23 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 11:35	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-19 @ 4.5'

Lab Sample ID: 880-24172-4

Date Collected: 01/26/23 13:15

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44884	01/27/23 08:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/27/23 18:39	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		1			44963	01/29/23 16:25	CH	EET MID

Client Sample ID: CS-20 @ 7.5'

Lab Sample ID: 880-24172-5

Date Collected: 01/26/23 11:35

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	44882	01/27/23 08:29	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	44881	01/27/23 19:23	MNR	EET MID
Total/NA	Prep	5035			5.00 g	5 mL	44925	01/27/23 12:27	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	44988	01/30/23 20:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 11:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44884	01/27/23 08:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/27/23 19:02	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		5			44963	01/29/23 16:30	CH	EET MID

Client Sample ID: CS-21 @7.5'

Lab Sample ID: 880-24172-6

Date Collected: 01/26/23 11:40

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	44882	01/27/23 08:29	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	44881	01/27/23 19:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 11:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44884	01/27/23 08:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/27/23 19:26	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		5			44963	01/29/23 16:45	CH	EET MID

Client Sample ID: CS-22 @ 7.5'

Lab Sample ID: 880-24172-7

Date Collected: 01/26/23 11:45

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	44882	01/27/23 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44881	01/27/23 18:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 11:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-22 @ 7.5'

Lab Sample ID: 880-24172-7

Date Collected: 01/26/23 11:45

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44884	01/27/23 08:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/27/23 19:51	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		10			44963	01/29/23 16:49	CH	EET MID

Client Sample ID: CS-23 @ 7.5'

Lab Sample ID: 880-24172-8

Date Collected: 01/26/23 11:50

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	44882	01/27/23 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44881	01/27/23 18:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 11:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44884	01/27/23 08:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/27/23 20:14	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		10			44963	01/29/23 16:54	CH	EET MID

Client Sample ID: CS-24 @ 7.5'

Lab Sample ID: 880-24172-9

Date Collected: 01/26/23 11:55

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	44882	01/27/23 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44881	01/27/23 18:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 11:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44884	01/27/23 08:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/27/23 20:36	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		10			44963	01/29/23 16:59	CH	EET MID

Client Sample ID: CS-SW-13 @ 2.25'

Lab Sample ID: 880-24172-10

Date Collected: 01/26/23 13:20

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	44882	01/27/23 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44881	01/27/23 19:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 11:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44884	01/27/23 08:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/27/23 21:01	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-SW-13 @ 2.25'

Lab Sample ID: 880-24172-10

Date Collected: 01/26/23 13:20

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		1			44963	01/29/23 17:04	CH	EET MID

Client Sample ID: CS-SW-14 @ 2.25'

Lab Sample ID: 880-24172-11

Date Collected: 01/26/23 13:25

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	44827	01/27/23 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44880	01/27/23 14:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 10:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44884	01/27/23 08:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/27/23 21:27	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		1			44963	01/29/23 17:09	CH	EET MID

Client Sample ID: CS-SW-15 @ 2.25'

Lab Sample ID: 880-24172-12

Date Collected: 01/26/23 13:30

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	44827	01/27/23 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44880	01/27/23 16:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 10:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44944	01/27/23 16:20	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/28/23 00:18	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		1			44963	01/29/23 17:23	CH	EET MID

Client Sample ID: CS-SW-16 @ 6'

Lab Sample ID: 880-24172-13

Date Collected: 01/26/23 11:00

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	44827	01/27/23 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44880	01/27/23 16:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 10:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44944	01/27/23 16:20	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/28/23 00:42	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		1			44963	01/29/23 17:28	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-SW-17 @ 3.75'

Lab Sample ID: 880-24172-14

Date Collected: 01/26/23 11:10

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	44827	01/27/23 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44880	01/27/23 17:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 10:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44944	01/27/23 16:20	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/28/23 01:06	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		5			44963	01/29/23 17:42	CH	EET MID

Client Sample ID: CS-SW-18 @ 3.75'

Lab Sample ID: 880-24172-15

Date Collected: 01/26/23 11:11

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	44827	01/27/23 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44880	01/27/23 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 10:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44944	01/27/23 16:20	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/28/23 01:32	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		5			44963	01/29/23 17:47	CH	EET MID

Client Sample ID: CS-SW-19 @ 3.75'

Lab Sample ID: 880-24172-16

Date Collected: 01/26/23 11:20

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	44827	01/27/23 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44880	01/27/23 18:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 10:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44944	01/27/23 16:20	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/28/23 01:58	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		1			44963	01/29/23 17:52	CH	EET MID

Client Sample ID: CS-SW-20 @ 3.75'

Lab Sample ID: 880-24172-17

Date Collected: 01/26/23 11:25

Matrix: Solid

Date Received: 01/27/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	44827	01/27/23 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44880	01/27/23 18:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 10:55	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Client Sample ID: CS-SW-20 @ 3.75'
Date Collected: 01/26/23 11:25
Date Received: 01/27/23 08:00

Lab Sample ID: 880-24172-17
Matrix: Solid

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			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44944	01/27/23 16:20	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/28/23 02:23	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		1			44963	01/29/23 17:57	CH	EET MID

Client Sample ID: CS-SW-21 @ 3.75'
Date Collected: 01/26/23 11:30
Date Received: 01/27/23 08:00

Lab Sample ID: 880-24172-18
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	44827	01/27/23 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44880	01/27/23 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45037	01/30/23 10:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			45002	01/30/23 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44944	01/27/23 16:20	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44886	01/28/23 02:49	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	44948	01/27/23 17:09	KS	EET MID
Soluble	Analysis	300.0		5			44963	01/30/23 14:43	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 Federal Com 004H

Job ID: 880-24172-1
SDG: 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	T104704400-22-25	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24172-1
SDG: 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 Federal Com 004H

Job ID: 880-24172-1
SDG: Jal, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-24172-1	CS-16 @ 4.5'	Solid	01/26/23 13:00	01/27/23 08:00	4.5'
880-24172-2	CS-17 @ 4.5'	Solid	01/26/23 13:05	01/27/23 08:00	4.5'
880-24172-3	CS-18 @ 4.5'	Solid	01/26/23 13:10	01/27/23 08:00	4.5'
880-24172-4	CS-19 @ 4.5'	Solid	01/26/23 13:15	01/27/23 08:00	4.5'
880-24172-5	CS-20 @ 7.5'	Solid	01/26/23 11:35	01/27/23 08:00	7.5'
880-24172-6	CS-21 @ 7.5'	Solid	01/26/23 11:40	01/27/23 08:00	7.5'
880-24172-7	CS-22 @ 7.5'	Solid	01/26/23 11:45	01/27/23 08:00	7.5'
880-24172-8	CS-23 @ 7.5'	Solid	01/26/23 11:50	01/27/23 08:00	7.5'
880-24172-9	CS-24 @ 7.5'	Solid	01/26/23 11:55	01/27/23 08:00	7.5'
880-24172-10	CS-SW-13 @ 2.25'	Solid	01/26/23 13:20	01/27/23 08:00	2.25'
880-24172-11	CS-SW-14 @ 2.25'	Solid	01/26/23 13:25	01/27/23 08:00	2.25'
880-24172-12	CS-SW-15 @ 2.25'	Solid	01/26/23 13:30	01/27/23 08:00	2.25'
880-24172-13	CS-SW-16 @ 6'	Solid	01/26/23 11:00	01/27/23 08:00	6'
880-24172-14	CS-SW-17 @ 3.75'	Solid	01/26/23 11:10	01/27/23 08:00	3.75'
880-24172-15	CS-SW-18 @ 3.75'	Solid	01/26/23 11:11	01/27/23 08:00	3.75'
880-24172-16	CS-SW-19 @ 3.75'	Solid	01/26/23 11:20	01/27/23 08:00	3.75'
880-24172-17	CS-SW-20 @ 3.75'	Solid	01/26/23 11:25	01/27/23 08:00	3.75'
880-24172-18	CS-SW-21 @ 3.75'	Solid	01/26/23 11:30	01/27/23 08:00	3.75'



Environment Testing
Xenco

Chain of Custody

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

Work Order No:

24172

www.xenco.com Page 1 of 2

Project Manager	Jared Sheffield	Bill to: (if different)	
Company Name:	TRE	Company Name:	
Address:	10 Delta Dr. Ste 130E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-238-3003	Email:	Jared.Mitchell@tre-texas.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	NM
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables	EDD ☐ ADAPT ☐ Other ☐

Project Name:	Acers Federal Gov 004H	Turn Around	☐ Routine ☒ Plus 24 hr	Pres. Code	
Project Number:	499166	Due Date:			
Project Location:	Tal, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Misti Bryant				
P.O. #					
SAMPLE RECEIPT					
Samples Received Inact:	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	
Cooler Custody Seals:	Yes ☒ No ☐	Thermometer ID:			
Sample Custody Seals:	Yes ☒ No ☐	Correction Factor:			
Total Containers:	Temperature Reading:				
	Corrected Temperature:				

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont.	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-16 @ 4.5'	S	1/26/23	1300	4.5'	C	1	TPH 8015M BTEX 8021B Chloride		None NO	DI Water H ₂ O
CS-17 @ 4.5'			1305						Cool Cool	MeOH Me
CS-18 @ 4.5'			1310						HCL HC	HNO ₃ HN
CS-19 @ 4.5'			1315						H ₂ SO ₄ H ₂	NaOH Na
CS-20 @ 7.5'			1135	7.5'					H ₃ PO ₄ HP	
CS-21 @ 7.5'			1140						NaHSO ₄ NABIS	
CS-22 @ 7.5'			1145						Na ₂ S ₂ O ₃ NaSO ₃	
CS-23 @ 7.5'			1150						Zn Acetate+NaOH Zn	
CS-24 @ 7.5'			1155						NaOH+Ascorbic Acid SAPC	
CS-25 @ 2.25'	V		1320	2.25'	V					



880-24172 Chain of Custody

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010 · 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 2451 / 7470 / 7471

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 \$3 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
Misti Bryant	Jared Sheffield	1/27/23			



Environment Testing
Xenco

Chain of Custody

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

Work Order No:

24177

www.xenco.com

Page 2 of 2

Project Manager	Jared Sheffield	Bill to: (if different)	
Company Name	TRE	Company Name	
Address	10 Desk Dr. Sk. 1306	Address	
City/State/Zip	Midland, TX 79705	City/State/Zip	
Phone	432-238-3003	Email	Jared.Mitchell@Trevco.com

Work Order Comments			
Program	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐		
State of Project	NM		
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐			
Deliverables	EDD ☐ ADAPT ☐ Other		

Project Name	Acres Federal Gas 00411	Turn Around	24hr	Pres. Code		ANALYSIS REQUEST														
Project Number	499166	☐ Routine																		
Project Location	Tal, NM	Due Date																		
Sample Name	Mitch Bayport	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)	Correction Factor																	
Sample Custody Seals:		Yes (No)	Temperature Reading																	
Total Containers			Corrected Temperature																	
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont													
CS-SW-14 @ 2.25'		S	1/24/23	1325	2.25'	C	1	X	TAP 8015M	X	BTEX 8021B	X	Chloride							
CS-SW-15 @ 2.25'				1330																
CS-SW-16 @ 6'				1100	6'															
CS-SW-17 @ 0.5-7.5'				1110	3.75'															
CS-SW-18 @ 3.75'				1115																
CS-SW-19 @ 3.75'				1120																
CS-SW-20 @ 3.75'				1125																
CS-SW-21 @ 3.75'				1130																

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP/SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245 1 / 7470 / 7471

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
Mitch Bayport	Jared Mitchell	1/27/23			

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-24172-1

SDG Number: Jal, NM

Login Number: 24172

List Number: 1

Creator: Teel, Brianna

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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/7/2023 10:34:10 AM

JOB DESCRIPTION

Azores Federal Com 004H
SDG NUMBER Jal, NM

JOB NUMBER

880-24315-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland**Job Notes**

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

Authorization

Generated
2/7/2023 10:34:10 AM

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

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Laboratory Job ID: 880-24315-1
SDG: Jal, NM

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Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

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
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/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Job ID: 880-24315-1

Laboratory: Eurofins Midland

Narrative	Job Narrative 880-24315-1
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Receipt

The samples were received on 2/6/2023 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

Receipt Exceptions

The following samples analyzed for method <TPH 8015> were received and analyzed from an unpreserved bulk soil jar.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-SW-20a @ 3.75' (880-24315-6). 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 880-45570 and analytical batch 880-45545 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.

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-45554 and analytical batch 880-45537 was outside the upper control limits.

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

HPLC/IC

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 Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-SW-13a @ 2.25'

Lab Sample ID: 880-24315-1

Date Collected: 02/03/23 13:00

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 2.25'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F2 F1	0.00201		mg/Kg		02/06/23 10:49	02/06/23 22:04	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		02/06/23 10:49	02/06/23 22:04	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		02/06/23 10:49	02/06/23 22:04	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		02/06/23 10:49	02/06/23 22:04	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		02/06/23 10:49	02/06/23 22:04	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		02/06/23 10:49	02/06/23 22:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	02/06/23 10:49	02/06/23 22:04	1
1,4-Difluorobenzene (Surr)	71		70 - 130	02/06/23 10:49	02/06/23 22:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/07/23 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/23 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 08:42	02/06/23 21:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 08:42	02/06/23 21:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 08:42	02/06/23 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	02/06/23 08:42	02/06/23 21:23	1
o-Terphenyl	107		70 - 130	02/06/23 08:42	02/06/23 21:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.24		5.03		mg/Kg			02/06/23 19:09	1

Client Sample ID: CS-SW-14a @ 2.25'

Lab Sample ID: 880-24315-2

Date Collected: 02/03/23 13:05

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 2.25'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/06/23 22:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/06/23 22:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/06/23 22:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/06/23 10:49	02/06/23 22:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/06/23 22:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/06/23 10:49	02/06/23 22:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	02/06/23 10:49	02/06/23 22:25	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-SW-14a @ 2.25'

Lab Sample ID: 880-24315-2

Date Collected: 02/03/23 13:05

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 2.25'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	02/06/23 10:49	02/06/23 22:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/07/23 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/07/23 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/06/23 22:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/06/23 22:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/06/23 22:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				02/06/23 08:42	02/06/23 22:30	1
o-Terphenyl	102		70 - 130				02/06/23 08:42	02/06/23 22:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.75		5.00		mg/Kg			02/06/23 19:23	1

Client Sample ID: CS-SW-17a @ 3.75'

Lab Sample ID: 880-24315-3

Date Collected: 02/03/23 13:10

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 3.75'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/06/23 22:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/06/23 22:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/06/23 22:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:49	02/06/23 22:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/06/23 22:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:49	02/06/23 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	02/06/23 10:49	02/06/23 22:45	1
1,4-Difluorobenzene (Surr)	86		70 - 130	02/06/23 10:49	02/06/23 22:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/07/23 11:04	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-SW-17a @ 3.75'

Lab Sample ID: 880-24315-3

Date Collected: 02/03/23 13:10

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 3.75'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/06/23 08:42	02/06/23 22:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/06/23 08:42	02/06/23 22:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/06/23 08:42	02/06/23 22:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				02/06/23 08:42	02/06/23 22:52	1
o-Terphenyl	99		70 - 130				02/06/23 08:42	02/06/23 22:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.3		4.97		mg/Kg			02/06/23 19:28	1

Client Sample ID: CS-SW-18a @ 3.75'

Lab Sample ID: 880-24315-4

Date Collected: 02/03/23 13:15

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 3.75'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/06/23 23:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/06/23 23:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/06/23 23:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:49	02/06/23 23:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/06/23 23:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:49	02/06/23 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/06/23 10:49	02/06/23 23:06	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/06/23 10:49	02/06/23 23:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/07/23 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/06/23 23:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/06/23 23:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/06/23 23:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				02/06/23 08:42	02/06/23 23:14	1
o-Terphenyl	96		70 - 130				02/06/23 08:42	02/06/23 23:14	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-SW-18a @ 3.75'

Lab Sample ID: 880-24315-4

Date Collected: 02/03/23 13:15

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 3.75'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.4		5.05		mg/Kg			02/06/23 19:32	1

Client Sample ID: CS-SW-19a @ 3.75'

Lab Sample ID: 880-24315-5

Date Collected: 02/03/23 13:20

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 3.75'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/06/23 23:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/06/23 23:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/06/23 23:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/06/23 10:49	02/06/23 23:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/06/23 23:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/06/23 10:49	02/06/23 23:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				02/06/23 10:49	02/06/23 23:26	1
1,4-Difluorobenzene (Surr)	88		70 - 130				02/06/23 10:49	02/06/23 23:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/07/23 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/07/23 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/06/23 23:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/06/23 23:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/06/23 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				02/06/23 08:42	02/06/23 23:37	1
o-Terphenyl	91		70 - 130				02/06/23 08:42	02/06/23 23:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4		4.99		mg/Kg			02/06/23 19:37	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-SW-20a @ 3.75'

Lab Sample ID: 880-24315-6

Date Collected: 02/03/23 13:50

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 3.75'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/06/23 23:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/06/23 23:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/06/23 23:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:49	02/06/23 23:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/06/23 23:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:49	02/06/23 23:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	02/06/23 10:49	02/06/23 23:47	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	02/06/23 10:49	02/06/23 23:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/23 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 08:42	02/06/23 23:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 08:42	02/06/23 23:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 08:42	02/06/23 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	02/06/23 08:42	02/06/23 23:58	1
o-Terphenyl	100		70 - 130	02/06/23 08:42	02/06/23 23:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		5.01		mg/Kg			02/06/23 19:51	1

Client Sample ID: CS-SW-21a @ 3.75'

Lab Sample ID: 880-24315-7

Date Collected: 02/03/23 13:25

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 3.75'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:49	02/07/23 00:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:49	02/07/23 00:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:49	02/07/23 00:07	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/06/23 10:49	02/07/23 00:07	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/06/23 10:49	02/07/23 00:07	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/06/23 10:49	02/07/23 00:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	02/06/23 10:49	02/07/23 00:07	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-SW-21a @ 3.75'

Lab Sample ID: 880-24315-7

Date Collected: 02/03/23 13:25

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 3.75'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	85		70 - 130	02/06/23 10:49	02/07/23 00:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/07/23 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/07/23 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/07/23 00:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/07/23 00:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/07/23 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				02/06/23 08:42	02/07/23 00:19	1
o-Terphenyl	99		70 - 130				02/06/23 08:42	02/07/23 00:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4		5.00		mg/Kg			02/06/23 19:56	1

Client Sample ID: CS-20a @ 8.5'

Lab Sample ID: 880-24315-8

Date Collected: 02/03/23 13:30

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 8.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/07/23 00:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/07/23 00:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/07/23 00:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/06/23 10:49	02/07/23 00:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/07/23 00:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/06/23 10:49	02/07/23 00:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/06/23 10:49	02/07/23 00:28	1
1,4-Difluorobenzene (Surr)	86		70 - 130	02/06/23 10:49	02/07/23 00:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/07/23 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/07/23 11:04	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-20a @ 8.5'

Lab Sample ID: 880-24315-8

Date Collected: 02/03/23 13:30

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 8.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/07/23 00:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/07/23 00:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/07/23 00:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				02/06/23 08:42	02/07/23 00:41	1
o-Terphenyl	103		70 - 130				02/06/23 08:42	02/07/23 00:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.06		5.02		mg/Kg			02/06/23 20:00	1

Client Sample ID: CS-21a @ 8.5'

Lab Sample ID: 880-24315-9

Date Collected: 02/03/23 13:35

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 8.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/07/23 00:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/07/23 00:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/07/23 00:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:49	02/07/23 00:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/07/23 00:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:49	02/07/23 00:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				02/06/23 10:49	02/07/23 00:48	1
1,4-Difluorobenzene (Surr)	87		70 - 130				02/06/23 10:49	02/07/23 00:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/07/23 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/07/23 01:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/07/23 01:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/07/23 01:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/06/23 08:42	02/07/23 01:02	1
o-Terphenyl	102		70 - 130				02/06/23 08:42	02/07/23 01:02	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-21a @ 8.5'

Lab Sample ID: 880-24315-9

Date Collected: 02/03/23 13:35

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 8.5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		5.01		mg/Kg			02/06/23 20:05	1

Client Sample ID: CS-25a @ 4.25'

Lab Sample ID: 880-24315-10

Date Collected: 02/03/23 13:40

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 4.25'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/07/23 01:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/07/23 01:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/07/23 01:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 10:49	02/07/23 01:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 10:49	02/07/23 01:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 10:49	02/07/23 01:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				02/06/23 10:49	02/07/23 01:09	1
1,4-Difluorobenzene (Surr)	76		70 - 130				02/06/23 10:49	02/07/23 01:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/23 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/23 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/06/23 08:42	02/07/23 01:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/06/23 08:42	02/07/23 01:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/23 08:42	02/07/23 01:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				02/06/23 08:42	02/07/23 01:24	1
o-Terphenyl	109		70 - 130				02/06/23 08:42	02/07/23 01:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		5.00		mg/Kg			02/06/23 20:10	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-26a @ 4.25'

Lab Sample ID: 880-24315-11

Date Collected: 02/03/23 13:45

Matrix: Solid

Date Received: 02/06/23 08:00

Sample Depth: 4.25'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/07/23 02:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/07/23 02:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/07/23 02:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/06/23 10:49	02/07/23 02:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/07/23 02:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/06/23 10:49	02/07/23 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	02/06/23 10:49	02/07/23 02:31	1
1,4-Difluorobenzene (Surr)	86		70 - 130	02/06/23 10:49	02/07/23 02:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/07/23 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/07/23 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/07/23 02:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/07/23 02:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/07/23 02:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	02/06/23 08:42	02/07/23 02:07	1
o-Terphenyl	112		70 - 130	02/06/23 08:42	02/07/23 02:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.0		5.00		mg/Kg			02/06/23 20:14	1

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

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)
880-24315-1	CS-SW-13a @ 2.25'	80	71
880-24315-1 MS	CS-SW-13a @ 2.25'	102	104
880-24315-1 MSD	CS-SW-13a @ 2.25'	84	80
880-24315-2	CS-SW-14a @ 2.25'	88	88
880-24315-3	CS-SW-17a @ 3.75'	90	86
880-24315-4	CS-SW-18a @ 3.75'	104	85
880-24315-5	CS-SW-19a @ 3.75'	94	88
880-24315-6	CS-SW-20a @ 3.75'	79	68 S1-
880-24315-7	CS-SW-21a @ 3.75'	95	85
880-24315-8	CS-20a @ 8.5'	98	86
880-24315-9	CS-21a @ 8.5'	86	87
880-24315-10	CS-25a @ 4.25'	112	76
880-24315-11	CS-26a @ 4.25'	93	86
LCS 880-45570/1-A	Lab Control Sample	114	108
LCSD 880-45570/2-A	Lab Control Sample Dup	116	107
MB 880-45531/5-A	Method Blank	78	91
MB 880-45570/5-A	Method Blank	75	93
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)
880-24315-1	CS-SW-13a @ 2.25'	94	107
880-24315-1 MS	CS-SW-13a @ 2.25'	108	113
880-24315-1 MSD	CS-SW-13a @ 2.25'	108	113
880-24315-2	CS-SW-14a @ 2.25'	97	102
880-24315-3	CS-SW-17a @ 3.75'	97	99
880-24315-4	CS-SW-18a @ 3.75'	87	96
880-24315-5	CS-SW-19a @ 3.75'	84	91
880-24315-6	CS-SW-20a @ 3.75'	90	100
880-24315-7	CS-SW-21a @ 3.75'	90	99
880-24315-8	CS-20a @ 8.5'	92	103
880-24315-9	CS-21a @ 8.5'	91	102
880-24315-10	CS-25a @ 4.25'	98	109
880-24315-11	CS-26a @ 4.25'	105	112
LCS 880-45554/2-A	Lab Control Sample	116	125
LCSD 880-45554/3-A	Lab Control Sample Dup	112	124
MB 880-45554/1-A	Method Blank	125	141 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-45531/5-A

Matrix: Solid

Analysis Batch: 45545

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45531

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:12	02/06/23 11:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:12	02/06/23 11:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:12	02/06/23 11:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/05/23 11:12	02/06/23 11:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:12	02/06/23 11:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/05/23 11:12	02/06/23 11:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	02/05/23 11:12	02/06/23 11:06	1
1,4-Difluorobenzene (Surr)	91		70 - 130	02/05/23 11:12	02/06/23 11:06	1

Lab Sample ID: MB 880-45570/5-A

Matrix: Solid

Analysis Batch: 45545

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45570

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/06/23 21:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/06/23 21:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/06/23 21:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/06/23 10:49	02/06/23 21:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 10:49	02/06/23 21:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/06/23 10:49	02/06/23 21:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	02/06/23 10:49	02/06/23 21:43	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/06/23 10:49	02/06/23 21:43	1

Lab Sample ID: LCS 880-45570/1-A

Matrix: Solid

Analysis Batch: 45545

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45570

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	0.1006		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1024		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2189		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1101		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-45570/2-A

Matrix: Solid

Analysis Batch: 45545

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45570

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1066		mg/Kg		107	70 - 130	5	35

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

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

Lab Sample ID: LCSD 880-45570/2-A

Matrix: Solid

Analysis Batch: 45545

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45570

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1000		mg/Kg		100	70 - 130	1	35
Ethylbenzene	0.100	0.1052		mg/Kg		105	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2291		mg/Kg		115	70 - 130	5	35
o-Xylene	0.100	0.1151		mg/Kg		115	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-24315-1 MS

Matrix: Solid

Analysis Batch: 45545

Client Sample ID: CS-SW-13a @ 2.25'

Prep Type: Total/NA

Prep Batch: 45570

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F2 F1	0.100	0.06502	F1	mg/Kg		65	70 - 130
Toluene	<0.00201	U F1	0.100	0.05855	F1	mg/Kg		58	70 - 130
Ethylbenzene	<0.00201	U F1	0.100	0.06626	F1	mg/Kg		66	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.201	0.1259	F1	mg/Kg		63	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.06490	F1	mg/Kg		64	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-24315-1 MSD

Matrix: Solid

Analysis Batch: 45545

Client Sample ID: CS-SW-13a @ 2.25'

Prep Type: Total/NA

Prep Batch: 45570

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F2 F1	0.0990	0.04343	F2 F1	mg/Kg		44	70 - 130	40	35
Toluene	<0.00201	U F1	0.0990	0.04906	F1	mg/Kg		50	70 - 130	18	35
Ethylbenzene	<0.00201	U F1	0.0990	0.05460	F1	mg/Kg		55	70 - 130	19	35
m-Xylene & p-Xylene	<0.00402	U F1	0.198	0.09517	F1	mg/Kg		48	70 - 130	28	35
o-Xylene	<0.00201	U F1	0.0990	0.04911	F1	mg/Kg		49	70 - 130	28	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

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

Lab Sample ID: MB 880-45554/1-A

Matrix: Solid

Analysis Batch: 45537

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45554

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/06/23 20:16	1

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

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

Lab Sample ID: MB 880-45554/1-A

Matrix: Solid

Analysis Batch: 45537

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45554

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/06/23 20:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 08:42	02/06/23 20:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				02/06/23 08:42	02/06/23 20:16	1
o-Terphenyl	141	S1+	70 - 130				02/06/23 08:42	02/06/23 20:16	1

Lab Sample ID: LCS 880-45554/2-A

Matrix: Solid

Analysis Batch: 45537

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45554

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	999	1036		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	999	987.0		mg/Kg		99	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	116		70 - 130				
o-Terphenyl	125		70 - 130				

Lab Sample ID: LCSD 880-45554/3-A

Matrix: Solid

Analysis Batch: 45537

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45554

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	999	1071		mg/Kg		107	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	999	1042		mg/Kg		104	70 - 130	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	112		70 - 130						
o-Terphenyl	124		70 - 130						

Lab Sample ID: 880-24315-1 MS

Matrix: Solid

Analysis Batch: 45537

Client Sample ID: CS-SW-13a @ 2.25'

Prep Type: Total/NA

Prep Batch: 45554

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	999	907.8		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1021		mg/Kg		100	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	108		70 - 130						
o-Terphenyl	113		70 - 130						

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

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

Lab Sample ID: 880-24315-1 MSD

Matrix: Solid

Analysis Batch: 45537

Client Sample ID: CS-SW-13a @ 2.25'

Prep Type: Total/NA

Prep Batch: 45554

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	997	932.4		mg/Kg		91	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1031		mg/Kg		102	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	108		70 - 130								
o-Terphenyl	113		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-45558/1-A

Matrix: Solid

Analysis Batch: 45598

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/06/23 18:55	1

Lab Sample ID: LCS 880-45558/2-A

Matrix: Solid

Analysis Batch: 45598

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.0		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-45558/3-A

Matrix: Solid

Analysis Batch: 45598

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	261.8		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-24315-1 MS

Matrix: Solid

Analysis Batch: 45598

Client Sample ID: CS-SW-13a @ 2.25'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.24		252	271.2		mg/Kg		106	90 - 110

Lab Sample ID: 880-24315-1 MSD

Matrix: Solid

Analysis Batch: 45598

Client Sample ID: CS-SW-13a @ 2.25'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.24		252	272.3		mg/Kg		106	90 - 110	0	20

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-24315-11 MS

Client Sample ID: CS-26a @ 4.25'

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 45598

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11.0		250	267.9		mg/Kg		103	90 - 110

Lab Sample ID: 880-24315-11 MSD

Client Sample ID: CS-26a @ 4.25'

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 45598

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11.0		250	269.4		mg/Kg		103	90 - 110	1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

GC VOA

Prep Batch: 45531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-45531/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 45545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24315-1	CS-SW-13a @ 2.25'	Total/NA	Solid	8021B	45570
880-24315-2	CS-SW-14a @ 2.25'	Total/NA	Solid	8021B	45570
880-24315-3	CS-SW-17a @ 3.75'	Total/NA	Solid	8021B	45570
880-24315-4	CS-SW-18a @ 3.75'	Total/NA	Solid	8021B	45570
880-24315-5	CS-SW-19a @ 3.75'	Total/NA	Solid	8021B	45570
880-24315-6	CS-SW-20a @ 3.75'	Total/NA	Solid	8021B	45570
880-24315-7	CS-SW-21a @ 3.75'	Total/NA	Solid	8021B	45570
880-24315-8	CS-20a @ 8.5'	Total/NA	Solid	8021B	45570
880-24315-9	CS-21a @ 8.5'	Total/NA	Solid	8021B	45570
880-24315-10	CS-25a @ 4.25'	Total/NA	Solid	8021B	45570
880-24315-11	CS-26a @ 4.25'	Total/NA	Solid	8021B	45570
MB 880-45531/5-A	Method Blank	Total/NA	Solid	8021B	45531
MB 880-45570/5-A	Method Blank	Total/NA	Solid	8021B	45570
LCS 880-45570/1-A	Lab Control Sample	Total/NA	Solid	8021B	45570
LCSD 880-45570/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45570
880-24315-1 MS	CS-SW-13a @ 2.25'	Total/NA	Solid	8021B	45570
880-24315-1 MSD	CS-SW-13a @ 2.25'	Total/NA	Solid	8021B	45570

Prep Batch: 45570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24315-1	CS-SW-13a @ 2.25'	Total/NA	Solid	5035	
880-24315-2	CS-SW-14a @ 2.25'	Total/NA	Solid	5035	
880-24315-3	CS-SW-17a @ 3.75'	Total/NA	Solid	5035	
880-24315-4	CS-SW-18a @ 3.75'	Total/NA	Solid	5035	
880-24315-5	CS-SW-19a @ 3.75'	Total/NA	Solid	5035	
880-24315-6	CS-SW-20a @ 3.75'	Total/NA	Solid	5035	
880-24315-7	CS-SW-21a @ 3.75'	Total/NA	Solid	5035	
880-24315-8	CS-20a @ 8.5'	Total/NA	Solid	5035	
880-24315-9	CS-21a @ 8.5'	Total/NA	Solid	5035	
880-24315-10	CS-25a @ 4.25'	Total/NA	Solid	5035	
880-24315-11	CS-26a @ 4.25'	Total/NA	Solid	5035	
MB 880-45570/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45570/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45570/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24315-1 MS	CS-SW-13a @ 2.25'	Total/NA	Solid	5035	
880-24315-1 MSD	CS-SW-13a @ 2.25'	Total/NA	Solid	5035	

Analysis Batch: 45675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24315-1	CS-SW-13a @ 2.25'	Total/NA	Solid	Total BTEX	
880-24315-2	CS-SW-14a @ 2.25'	Total/NA	Solid	Total BTEX	
880-24315-3	CS-SW-17a @ 3.75'	Total/NA	Solid	Total BTEX	
880-24315-4	CS-SW-18a @ 3.75'	Total/NA	Solid	Total BTEX	
880-24315-5	CS-SW-19a @ 3.75'	Total/NA	Solid	Total BTEX	
880-24315-6	CS-SW-20a @ 3.75'	Total/NA	Solid	Total BTEX	
880-24315-7	CS-SW-21a @ 3.75'	Total/NA	Solid	Total BTEX	
880-24315-8	CS-20a @ 8.5'	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

GC VOA (Continued)

Analysis Batch: 45675 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24315-9	CS-21a @ 8.5'	Total/NA	Solid	Total BTEX	
880-24315-10	CS-25a @ 4.25'	Total/NA	Solid	Total BTEX	
880-24315-11	CS-26a @ 4.25'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 45537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24315-1	CS-SW-13a @ 2.25'	Total/NA	Solid	8015B NM	45554
880-24315-2	CS-SW-14a @ 2.25'	Total/NA	Solid	8015B NM	45554
880-24315-3	CS-SW-17a @ 3.75'	Total/NA	Solid	8015B NM	45554
880-24315-4	CS-SW-18a @ 3.75'	Total/NA	Solid	8015B NM	45554
880-24315-5	CS-SW-19a @ 3.75'	Total/NA	Solid	8015B NM	45554
880-24315-6	CS-SW-20a @ 3.75'	Total/NA	Solid	8015B NM	45554
880-24315-7	CS-SW-21a @ 3.75'	Total/NA	Solid	8015B NM	45554
880-24315-8	CS-20a @ 8.5'	Total/NA	Solid	8015B NM	45554
880-24315-9	CS-21a @ 8.5'	Total/NA	Solid	8015B NM	45554
880-24315-10	CS-25a @ 4.25'	Total/NA	Solid	8015B NM	45554
880-24315-11	CS-26a @ 4.25'	Total/NA	Solid	8015B NM	45554
MB 880-45554/1-A	Method Blank	Total/NA	Solid	8015B NM	45554
LCS 880-45554/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45554
LCSD 880-45554/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45554
880-24315-1 MS	CS-SW-13a @ 2.25'	Total/NA	Solid	8015B NM	45554
880-24315-1 MSD	CS-SW-13a @ 2.25'	Total/NA	Solid	8015B NM	45554

Prep Batch: 45554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24315-1	CS-SW-13a @ 2.25'	Total/NA	Solid	8015NM Prep	
880-24315-2	CS-SW-14a @ 2.25'	Total/NA	Solid	8015NM Prep	
880-24315-3	CS-SW-17a @ 3.75'	Total/NA	Solid	8015NM Prep	
880-24315-4	CS-SW-18a @ 3.75'	Total/NA	Solid	8015NM Prep	
880-24315-5	CS-SW-19a @ 3.75'	Total/NA	Solid	8015NM Prep	
880-24315-6	CS-SW-20a @ 3.75'	Total/NA	Solid	8015NM Prep	
880-24315-7	CS-SW-21a @ 3.75'	Total/NA	Solid	8015NM Prep	
880-24315-8	CS-20a @ 8.5'	Total/NA	Solid	8015NM Prep	
880-24315-9	CS-21a @ 8.5'	Total/NA	Solid	8015NM Prep	
880-24315-10	CS-25a @ 4.25'	Total/NA	Solid	8015NM Prep	
880-24315-11	CS-26a @ 4.25'	Total/NA	Solid	8015NM Prep	
MB 880-45554/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45554/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45554/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24315-1 MS	CS-SW-13a @ 2.25'	Total/NA	Solid	8015NM Prep	
880-24315-1 MSD	CS-SW-13a @ 2.25'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 45680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24315-1	CS-SW-13a @ 2.25'	Total/NA	Solid	8015 NM	
880-24315-2	CS-SW-14a @ 2.25'	Total/NA	Solid	8015 NM	
880-24315-3	CS-SW-17a @ 3.75'	Total/NA	Solid	8015 NM	
880-24315-4	CS-SW-18a @ 3.75'	Total/NA	Solid	8015 NM	
880-24315-5	CS-SW-19a @ 3.75'	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

GC Semi VOA (Continued)

Analysis Batch: 45680 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24315-6	CS-SW-20a @ 3.75'	Total/NA	Solid	8015 NM	
880-24315-7	CS-SW-21a @ 3.75'	Total/NA	Solid	8015 NM	
880-24315-8	CS-20a @ 8.5'	Total/NA	Solid	8015 NM	
880-24315-9	CS-21a @ 8.5'	Total/NA	Solid	8015 NM	
880-24315-10	CS-25a @ 4.25'	Total/NA	Solid	8015 NM	
880-24315-11	CS-26a @ 4.25'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 45558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24315-1	CS-SW-13a @ 2.25'	Soluble	Solid	DI Leach	
880-24315-2	CS-SW-14a @ 2.25'	Soluble	Solid	DI Leach	
880-24315-3	CS-SW-17a @ 3.75'	Soluble	Solid	DI Leach	
880-24315-4	CS-SW-18a @ 3.75'	Soluble	Solid	DI Leach	
880-24315-5	CS-SW-19a @ 3.75'	Soluble	Solid	DI Leach	
880-24315-6	CS-SW-20a @ 3.75'	Soluble	Solid	DI Leach	
880-24315-7	CS-SW-21a @ 3.75'	Soluble	Solid	DI Leach	
880-24315-8	CS-20a @ 8.5'	Soluble	Solid	DI Leach	
880-24315-9	CS-21a @ 8.5'	Soluble	Solid	DI Leach	
880-24315-10	CS-25a @ 4.25'	Soluble	Solid	DI Leach	
880-24315-11	CS-26a @ 4.25'	Soluble	Solid	DI Leach	
MB 880-45558/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-45558/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-45558/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24315-1 MS	CS-SW-13a @ 2.25'	Soluble	Solid	DI Leach	
880-24315-1 MSD	CS-SW-13a @ 2.25'	Soluble	Solid	DI Leach	
880-24315-11 MS	CS-26a @ 4.25'	Soluble	Solid	DI Leach	
880-24315-11 MSD	CS-26a @ 4.25'	Soluble	Solid	DI Leach	

Analysis Batch: 45598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24315-1	CS-SW-13a @ 2.25'	Soluble	Solid	300.0	45558
880-24315-2	CS-SW-14a @ 2.25'	Soluble	Solid	300.0	45558
880-24315-3	CS-SW-17a @ 3.75'	Soluble	Solid	300.0	45558
880-24315-4	CS-SW-18a @ 3.75'	Soluble	Solid	300.0	45558
880-24315-5	CS-SW-19a @ 3.75'	Soluble	Solid	300.0	45558
880-24315-6	CS-SW-20a @ 3.75'	Soluble	Solid	300.0	45558
880-24315-7	CS-SW-21a @ 3.75'	Soluble	Solid	300.0	45558
880-24315-8	CS-20a @ 8.5'	Soluble	Solid	300.0	45558
880-24315-9	CS-21a @ 8.5'	Soluble	Solid	300.0	45558
880-24315-10	CS-25a @ 4.25'	Soluble	Solid	300.0	45558
880-24315-11	CS-26a @ 4.25'	Soluble	Solid	300.0	45558
MB 880-45558/1-A	Method Blank	Soluble	Solid	300.0	45558
LCS 880-45558/2-A	Lab Control Sample	Soluble	Solid	300.0	45558
LCSD 880-45558/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	45558
880-24315-1 MS	CS-SW-13a @ 2.25'	Soluble	Solid	300.0	45558
880-24315-1 MSD	CS-SW-13a @ 2.25'	Soluble	Solid	300.0	45558
880-24315-11 MS	CS-26a @ 4.25'	Soluble	Solid	300.0	45558
880-24315-11 MSD	CS-26a @ 4.25'	Soluble	Solid	300.0	45558

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-SW-13a @ 2.25'

Lab Sample ID: 880-24315-1

Date Collected: 02/03/23 13:00

Matrix: Solid

Date Received: 02/06/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	45570	02/06/23 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45545	02/06/23 22:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45675	02/07/23 10:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45680	02/07/23 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45554	02/06/23 08:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45537	02/06/23 21:23	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	45558	02/06/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1			45598	02/06/23 19:09	CH	EET MID

Client Sample ID: CS-SW-14a @ 2.25'

Lab Sample ID: 880-24315-2

Date Collected: 02/03/23 13:05

Matrix: Solid

Date Received: 02/06/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	45570	02/06/23 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45545	02/06/23 22:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45675	02/07/23 10:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45680	02/07/23 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45554	02/06/23 08:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45537	02/06/23 22:30	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45558	02/06/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1			45598	02/06/23 19:23	CH	EET MID

Client Sample ID: CS-SW-17a @ 3.75'

Lab Sample ID: 880-24315-3

Date Collected: 02/03/23 13:10

Matrix: Solid

Date Received: 02/06/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45570	02/06/23 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45545	02/06/23 22:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45675	02/07/23 10:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45680	02/07/23 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	45554	02/06/23 08:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45537	02/06/23 22:52	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	45558	02/06/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1			45598	02/06/23 19:28	CH	EET MID

Client Sample ID: CS-SW-18a @ 3.75'

Lab Sample ID: 880-24315-4

Date Collected: 02/03/23 13:15

Matrix: Solid

Date Received: 02/06/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45570	02/06/23 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45545	02/06/23 23:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45675	02/07/23 10:09	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-SW-18a @ 3.75'

Lab Sample ID: 880-24315-4

Date Collected: 02/03/23 13:15

Matrix: Solid

Date Received: 02/06/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			45680	02/07/23 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45554	02/06/23 08:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45537	02/06/23 23:14	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	45558	02/06/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1			45598	02/06/23 19:32	CH	EET MID

Client Sample ID: CS-SW-19a @ 3.75'

Lab Sample ID: 880-24315-5

Date Collected: 02/03/23 13:20

Matrix: Solid

Date Received: 02/06/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	45570	02/06/23 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45545	02/06/23 23:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45675	02/07/23 10:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45680	02/07/23 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45554	02/06/23 08:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45537	02/06/23 23:37	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	45558	02/06/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1			45598	02/06/23 19:37	CH	EET MID

Client Sample ID: CS-SW-20a @ 3.75'

Lab Sample ID: 880-24315-6

Date Collected: 02/03/23 13:50

Matrix: Solid

Date Received: 02/06/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45570	02/06/23 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45545	02/06/23 23:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45675	02/07/23 10:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45680	02/07/23 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45554	02/06/23 08:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45537	02/06/23 23:58	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	45558	02/06/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1			45598	02/06/23 19:51	CH	EET MID

Client Sample ID: CS-SW-21a @ 3.75'

Lab Sample ID: 880-24315-7

Date Collected: 02/03/23 13:25

Matrix: Solid

Date Received: 02/06/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	45570	02/06/23 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45545	02/07/23 00:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45675	02/07/23 10:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45680	02/07/23 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45554	02/06/23 08:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45537	02/07/23 00:19	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-SW-21a @ 3.75'**Lab Sample ID: 880-24315-7****Date Collected: 02/03/23 13:25****Matrix: Solid****Date Received: 02/06/23 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	45558	02/06/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1			45598	02/06/23 19:56	CH	EET MID

Client Sample ID: CS-20a @ 8.5'**Lab Sample ID: 880-24315-8****Date Collected: 02/03/23 13:30****Matrix: Solid****Date Received: 02/06/23 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	45570	02/06/23 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45545	02/07/23 00:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45675	02/07/23 10:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45680	02/07/23 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45554	02/06/23 08:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45537	02/07/23 00:41	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	45558	02/06/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1			45598	02/06/23 20:00	CH	EET MID

Client Sample ID: CS-21a @ 8.5'**Lab Sample ID: 880-24315-9****Date Collected: 02/03/23 13:35****Matrix: Solid****Date Received: 02/06/23 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45570	02/06/23 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45545	02/07/23 00:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45675	02/07/23 10:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45680	02/07/23 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45554	02/06/23 08:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45537	02/07/23 01:02	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	45558	02/06/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1			45598	02/06/23 20:05	CH	EET MID

Client Sample ID: CS-25a @ 4.25'**Lab Sample ID: 880-24315-10****Date Collected: 02/03/23 13:40****Matrix: Solid****Date Received: 02/06/23 08:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45570	02/06/23 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45545	02/07/23 01:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45675	02/07/23 10:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45680	02/07/23 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	45554	02/06/23 08:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45537	02/07/23 01:24	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45558	02/06/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1			45598	02/06/23 20:10	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Client Sample ID: CS-26a @ 4.25'
Date Collected: 02/03/23 13:45
Date Received: 02/06/23 08:00

Lab Sample ID: 880-24315-11
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	45570	02/06/23 10:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45545	02/07/23 02:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45675	02/07/23 10:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			45680	02/07/23 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45554	02/06/23 08:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45537	02/07/23 02:07	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45558	02/06/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1			45598	02/06/23 20:14	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 Federal Com 004H

Job ID: 880-24315-1
SDG: 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	T104704400-22-25	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: Azores Federal Com 004H

Job ID: 880-24315-1
SDG: 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 Federal Com 004H

Job ID: 880-24315-1
SDG: Jal, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-24315-1	CS-SW-13a @ 2.25'	Solid	02/03/23 13:00	02/06/23 08:00	2.25'
880-24315-2	CS-SW-14a @ 2.25'	Solid	02/03/23 13:05	02/06/23 08:00	2.25'
880-24315-3	CS-SW-17a @ 3.75'	Solid	02/03/23 13:10	02/06/23 08:00	3.75'
880-24315-4	CS-SW-18a @ 3.75'	Solid	02/03/23 13:15	02/06/23 08:00	3.75'
880-24315-5	CS-SW-19a @ 3.75'	Solid	02/03/23 13:20	02/06/23 08:00	3.75'
880-24315-6	CS-SW-20a @ 3.75'	Solid	02/03/23 13:50	02/06/23 08:00	3.75'
880-24315-7	CS-SW-21a @ 3.75'	Solid	02/03/23 13:25	02/06/23 08:00	3.75'
880-24315-8	CS-20a @ 8.5'	Solid	02/03/23 13:30	02/06/23 08:00	8.5'
880-24315-9	CS-21a @ 8.5'	Solid	02/03/23 13:35	02/06/23 08:00	8.5'
880-24315-10	CS-25a @ 4.25'	Solid	02/03/23 13:40	02/06/23 08:00	4.25'
880-24315-11	CS-26a @ 4.25'	Solid	02/03/23 13:45	02/06/23 08:00	4.25'



Environment Testing
Xenco

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

Work Order No: 249615

www.xenco.com Page 1 of 2

Project Manager:	Jared Stessel	Bill to, (if different):	
Company Name:	TEC	Company Name:	
Address:	10 Dextra Dr. Sp 130E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-238-3003	Email:	Jared.Mitchell@TEC.com

Work Order Comments	
Program:	UST/PT ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	NM
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables	EDD ☐ ADAPT ☐ Other ☐

Project Name:	Azores Federal Com 0044	Turn Around	
Project Number:	TA1 NM	Due Date	
Project Location:	Misti Bryant	TAT starts the day received by the lab, if received by 4:30pm	
Sample's Name:			
PO #			
SAMPLE RECEIPT	Temp Blank: Yes ☒ No ☐	Thermometer ID: 105	Wetice: Yes ☒ No ☐
Samples Received Intact:	Yes ☒ No ☐	Correction Factor: -0.5	
Cooler Custody Seals:	Yes ☒ No ☐	Temperature Reading: 1.3	
Sample Custody Seals:	Yes ☒ No ☐	Corrected Temperature: 1.0	
Total Containers:			
Sample Identification	Matrix	Date Sampled	Time Sampled
CS-5U-13a @ 2.25'	S	2/3/23	1300
CS-5U-14a @ 2.25'	S		1305
CS-5U-17a @ 3.75'	S		1310
CS-5U-18a @ 3.75'	S		1315
CS-5U-19a @ 3.75'	S		1320
CS-5U-20a @ 3.75'	S		1325
CS-5U-21a @ 3.75'	S		1330
CS-21 @ 8.5'	S		1335
CS-25 @ 4.25'	S		1340
Depth	4.25'	Comp	C
Grab/Cont	1	# of Cont	1
TPH 8015 M			
BTEX 8021 B			
Chloride			
Preservative Codes	None NO	DI Water H ₂ O	
	Cool Cool	MeOH Me	
	HCL HC	HNO ₃ HN	
	H ₂ SO ₄ H ₂	NaOH Na	
	H ₃ PO ₄ HP		
	NaHSO ₄ 4 NABIS		
	Na ₂ O ₃ NaSO ₃		
	Zn Acetate+NaOH Zn		
	NaOH+Ascorbic Acid SAPC		
Sample Comments			
	40L		
	Drappax		



880-24315 Chain of Custody

UV Zn

70 / 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
Misti Bryant	Jared Stessel	2/3/23			



Environment Testing

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3333
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No:

24515

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[illegible]

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-24315-1

SDG Number: Jal, NM

Login Number: 24315

List Number: 1

Creator: Teel, Brianna

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	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 192089

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 192089
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	3/8/2023